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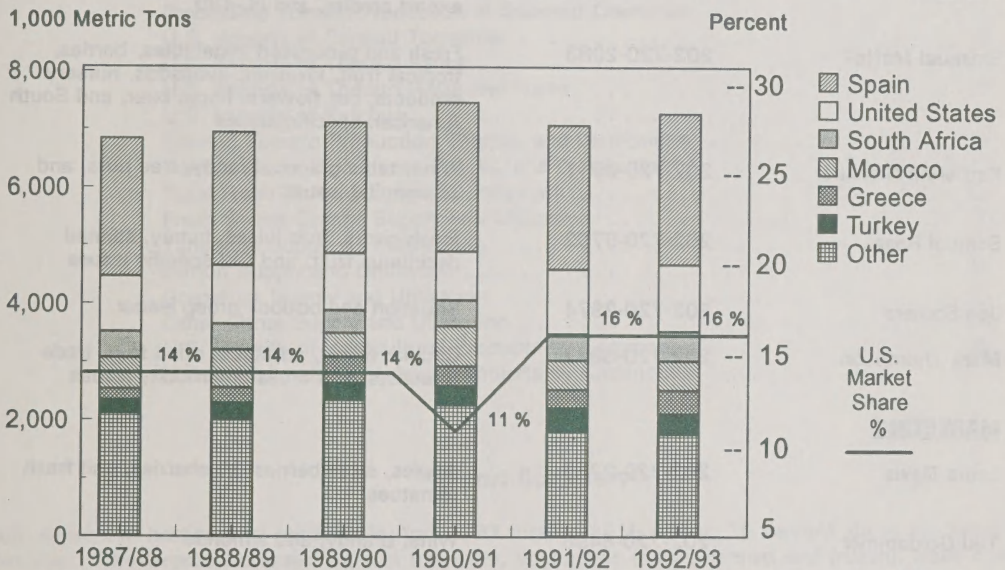
Circular Series  
FHORT 7-93  
July 1993

# Horticultural Products Review

JUL 22 '93  
CURRENT SERIAL RECORDS  
AGD / SERIALS BRANCH

## Record Volume of U.S. Citrus Exports Expected in MY 1992/93

U.S. Share of World Exports Holds Steady



Source: Department of Commerce and  
Reports from the Foreign Agricultural Service

U.S. citrus exports in 1992/93 are forecast at a record 1.14 million tons, up 2 percent from last season, and 36 percent above the freeze reduced 1990/91 season. U.S. share of world exports has increased in recent years due to aggressive market promotion and higher demand in Asian countries. Asia is the main destination of U.S. citrus, accounting for about 62 percent of total citrus shipments. Spain is the world's largest fresh citrus exporter, accounting for about 35 percent of world citrus shipments.

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### **ANALYSIS**

Kelly Kirby Flowers	202-720-4620	Fresh deciduous fruit, apple juice, olives, and Asia-specific issues
Brian Grunenfelder	202-690-2702	Trade policy, food safety, and plant health group leader
Craig Jenkins	202-720-6086	Mexico and Canada-specific issues, GSM-102 export credits, and PL-480
Emanuel McNeil	202-720-2083	Fresh and processed vegetables, berries, tropical fruit, kiwifruit, avocados, nursery products, cut flowers, hops, beer, and South American-specific issues
Katherine Nishiura	202-720-0911	Wine, table grapes, brandy, tree nuts, and EC-specific issues
Samuel Rosa	202-720-9792	Fresh citrus, fruit juices, honey, canned deciduous fruit, and CBI-specific issues
Joe Somers	202-720-2974	Situation and outlook group leader
Mark Thompson	202-720-6877	Circular editor, potatoes, dried fruit, trade forecasts, and cross-commodity issues

### **MARKETING**

Laura Davis	202-720-2252	Apples, strawberries, blueberries, and fresh tomatoes
Ted Goldammer	202-720-8498	Wine, brandy, and almonds
Jean Harman	202-720-0897	Fresh and canned pears, canned peaches, fresh cherries, honey, hops, and potatoes
Stacey Peckins	202-690-1341	Nursery products, avocados, pistachios, papaya, and canned tomatoes
Elise Pinkow	202-690-1341	Table grapes, concord grapes, peaches, pears, plums, and cranberries
Steve Shnitzler	202-720-8495	Walnuts, kiwifruit, ginseng, asparagus, tart cherries, and processed corn
Robert B. Tisch	202-720-0898	Citrus, raisins, and prunes

For subscription questions or address changes, please contact Robertha McLean, (202) 720-9445.



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### Export Summary

U.S. exports of horticultural products in April 1993 totalled \$615 million, 10 percent above the same month last year. The largest increases were in tree nuts, vegetables (fresh, canned and frozen), fresh citrus and miscellaneous products. Declines occurred in fresh non-citrus fruit, fruit and vegetable juice, dehydrated vegetables, and hops. During the first seven months (October-April) of fiscal 1993, the total value of U.S. horticultural exports was \$4.1 billion -- 2 percent over the same period last year.

All measures not otherwise noted are metric. One kilogram (kg.) = 2.2046 pounds,  
 1 metric tons = 2,204.62 pounds, 1 liter = 0.2642 gallon, 1 hectoliter (hl.) =  
 26.42 gallons, and 1 hectare (ha.) = 2.471 acres.

U.S. EXPORTS OF SELECTED HORTICULTURAL COMMODITIES  
WORLD TOTAL, OCTOBER-SEPTEMBER YEAR  
APR 93

NAME		QUANTITY				VALUE (1,000 DOLLARS)					
GROUP & COMMODITY	CURR MO LAST YR	CURR MO CURR YR	YR TODET LAST YR	YR TODET CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TDT LAST YR	YR TDT CURR YR	LAST YEAR	
FR, FRUIT CITRUS MT											
GRAPEFRUIT	42,229	67,404	385,524	350,949	446,561	24,038	32,752	213,974	175,012	245,552	
LEMONS	101,377	11,555	77,144	84,192	131,718	7,657	7,200	68,274	53,989	110,821	
ORANGES, INCL TMLPS	69,268	71,513	278,095	336,383	479,107	36,240	34,056	158,059	162,196	259,388	
OTHER CITRUS	1,710	1,049	21,956	17,752	24,990	1,227	961	18,887	15,322	22,039	
Subtotal:----	123,585	151,523	762,720	789,277	1,082,376	69,163	74,971	459,195	406,520	637,801	
FR, FRT NON-CIT MT											
APPLES	34,413	36,750	376,231	344,726	530,070	21,239	19,949	231,603	207,692	333,869	
AVOCADOS	991	2,572	3,295	5,957	6,945	1,451	2,581	4,290	6,492	9,360	
CHERRIES SWT & TRT	59	70	547	538	31,006	1,404	2,251	3,375	105,128	105,128	
GRAPES	1,050	1,653	104,602	73,444	218,374	1,504	1,253	108,998	84,998	228,296	
KIWI/FRUIT	8,750	1,071	7,474	7,444	17,484	4,496	2,572	13,571	10,909	44,385	
MELONS	4,134	5,141	27,298	32,702	189,266	2,830	3,167	18,031	18,814	69,605	
PAPAYA	685	658	5,117	4,551	8,389	1,203	1,263	8,333	8,844	13,937	
PEACHES & NCTRNS	296	283	5,584	4,858	71,411	455	350	4,840	3,849	18,600	
PEARS/PRUNES	6,601	5,637	88,106	69,134	119,375	4,196	3,490	50,830	41,960	69,858	
PLUMS/PRUNES	1,134	6,300	16,300	18,468	68,270	1,141	1,181	32,120	32,221	85,941	
STRAWBERRIES	9,552	8,086	25,877	18,444	68,879	11,586	9,684	38,303	32,627	85,941	
OTHER NON-CITRUS	2,717	2,170	19,386	19,258	51,148	2,725	2,058	19,530	17,372	58,135	
Subtotal:----	61,298	64,231	664,366	585,723	1,348,624	48,972	47,052	505,796	439,151	1,099,340	
CND/PRP FRUIT MT											
CHERRIES TRT CND	280	601	3,344	4,397	7,315	501	1,070	5,714	7,305	13,528	
FRUIT MIXTURES	2,123	3,493	20,554	24,396	33,574	2,353	3,988	23,157	24,465	36,255	
MARACHINO CHRY	287	309	2,272	2,722	4,090	607	673	4,595	5,406	8,146	
PEACHES CANNED	1,607	1,801	12,189	12,258	19,298	1,593	1,645	12,220	12,067	18,738	
PINEAPPLE CANNED	1,952	2,270	6,066	6,066	9,434	4,348	4,348	23,930	23,930	39,423	
FRT PRP/PRP	4,863	4,463	35,510	37,918	62,594	5,767	5,555	39,875	46,422	71,826	
OTHER CANNED FR	2,331	4,772	22,966	19,189	39,568	2,724	3,554	23,242	18,048	39,141	
Subtotal:----	12,076	15,714	100,811	101,488	173,351	14,080	16,621	112,436	116,129	193,558	
DRIED FRUIT MT											
CHERRIES DRIED	6,645	8,053	57,109	56,788	90,972	10,052	11,218	81,427	83,978	131,721	
RAISINS, DRIED	7,613	7,609	67,649	66,772	129,867	10,313	11,578	96,840	94,413	182,796	
OTHER DRIED FRUIT	1,891	1,608	15,213	12,390	23,341	4,186	4,442	33,902	31,361	53,392	
Subtotal:----	16,151	17,270	139,972	135,952	244,180	24,553	27,239	212,170	209,754	367,910	
FROZEN FRUIT MT											
BLUEBERRIES, FZN	438	781	3,658	5,776	6,923	786	1,394	6,966	10,329	13,181	
STRAWBERRIES, FZN	759	536	6,444	5,629	13,759	1,042	1,717	8,531	7,265	17,206	
OTHER FZN FRUIT	1,324	944	7,839	8,870	19,193	1,542	1,344	10,904	12,336	25,351	
Subtotal:----	2,522	2,262	17,943	20,276	39,876	3,371	3,456	26,402	29,931	55,739	
FRT&VEG JUICE (SSE) KL											
GRAPEFRUIT JUICE CNC	7,764	10,181	33,133	33,724	59,350	5,232	5,973	21,240	20,738	37,391	
ORANGE JUICE CNC	5,767	7,457	31,540	49,296	86,767	4,765	5,769	29,150	37,851	58,786	
ORANGE JUICE CNC	33,759	35,422	183,900	187,462	338,088	14,846	14,111	82,130	75,446	147,235	
OTHER JUICES	36,241	29,197	221,704	207,016	394,724	20,999	17,265	127,284	118,585	223,707	
Subtotal:----	83,033	85,769	472,277	477,499	859,930	45,845	43,120	259,672	242,600	467,121	
VEGETABLES FR MT											
ASPARAGUS, FR, CHLD	5,536	5,278	13,794	13,513	19,119	15,749	17,434	42,354	42,947	54,583	
BROCCOLI	12,029	12,285	64,046	66,886	89,098	6,742	7,982	37,968	45,562	55,881	
CALIFLOWER	8,703	1,144	50,077	43,607	73,080	5,390	5,301	32,956	31,182	48,508	
CELERY	11,471	12,571	7,615	7,477	17,721	4,753	4,444	24,340	27,412	39,423	
LETTUCE, FR, CH	30,813	24,970	201,139	197,821	301,957	12,752	19,827	83,740	103,139	126,990	
ONIONS, FR	6,200	7,551	90,534	81,706	156,657	4,265	4,875	31,896	35,377	55,764	
PEPPERS	16,165	10,102	87,334	92,897	154,328	13,202	8,211	80,686	78,796	118,604	
TOMATOES, FR, CH	69,928	60,983	290,718	291,350	615,885	33,173	33,485	176,776	190,245	331,787	
OTHER VEG, FR	169,307	144,277	932,735	901,715	1,608,938	99,934	107,831	540,228	592,828	863,190	
VEGETABLES CANNED MT											
CATSUP & CHILI SA	1,986	2,811	12,765	13,982	23,237	1,644	1,953	9,984	10,967	18,147	
SWEET CORN CANNED	10,713	16,506	76,453	105,842	136,132	8,983	12,043	60,753	78,383	101,777	
TOMATO PASTE	7,150	4,727	39,534	40,477	68,609	5,585	3,908	34,137	32,284	57,699	
TOMATO SAUCE	18,502	1,919	39,117	39,668	61,680	5,159	2,435	33,563	28,070	58,252	
OTHER CANNED VEG	18,107	21,188	107,922	130,602	193,293	21,968	24,330	155,888	158,888	242,111	
Subtotal:----	43,610	51,166	271,798	330,573	482,952	43,341	49,034	278,259	319,591	487,988	
FROZEN VEGETABLES MT											
FROZEN FRENCH FRY	14,515	17,214	109,405	119,077	190,112	9,992	12,219	77,934	84,503	134,442	
FZN SWT CORN	4,880	4,662	37,609	36,374	60,346	3,636	3,750	29,375	29,804	47,728	
OTHER FZN VEG	1,457	1,919	8,012	10,266	15,109	1,203	1,375	8,321	8,106	13,530	
OTHER FZN VEG	6,424	6,637	38,671	34,589	66,734	5,980	6,120	37,083	32,573	64,044	
Subtotal:----	27,377	30,435	193,696	200,308	332,302	20,812	23,466	151,714	154,988	259,746	
DEHYD VEGETABLES MT											
GARLIC DEHY	702	605	5,152	4,138	8,025	1,760	1,500	11,729	9,962	18,961	
ONIONS DEHY	1,850	1,712	12,897	12,776	22,410	2,761	2,761	30,189	30,120	52,278	
POTATO DEHYD	4,410	2,670	25,110	17,959	42,711	3,331	2,693	20,100	19,120	36,610	
OTHER DEHY VEG	2,809	2,295	18,203	19,862	32,573	3,369	3,517	27,027	29,905	44,914	
Subtotal:----	9,573	7,183	61,364	54,738	105,721	12,716	11,711	90,516	87,493	153,014	
TREE NUTS MT											
ALMOND SH/PRP	9,279	11,047	110,787	104,780	172,132	31,992	40,436	362,853	349,456	564,386	
ALMONDS, UNSHLD	1,157	1,066	13,138	12,911	19,938	2,537	2,537	14,266	14,266	24,941	
PISTACHIO, UNSHLD	1,157	1,066	4,870	9,472	9,969	3,402	3,099	17,389	31,269	33,122	
WALNUTS, SHLD	799	507	14,726	13,181	21,123	2,877	2,339	45,793	43,173	65,550	
WALNUTS, UNSHLD	184	107	2,266	2,487	4,672	1,111	1,111	10,444	10,444	10,444	
OTHER NUTS	4,123	5,715	36,409	37,529	56,450	13,158	16,191	104,444	108,760	162,964	
Subtotal:----	16,281	19,266	222,605	205,551	329,159	53,359	64,547	629,698	614,150	953,626	
NURSERY PRODUCTS NONE											
CUT FLOWERS	0	0	0	0	0	2,805	4,144	19,807	22,946	32,902	
OTHER NURSERY	0	0	0	0	0	21,661	28,906	110,939	133,568	200,980	
Subtotal:----	0	0	0	0	0	24,466	28,906	130,742	156,514	233,882	
HOPS & PRODUCTS MT											
HOP EXTRACT	319	261	3,080	3,128	4,594	4,524	5,090	42,187	53,370	59,263	
HOP PELLETS	441	263	2,786	3,471	4,827	3,290	1,926	15,503	21,183	27,969	
HOPS, NSF	58	161	2,155	8,389	2,596	745	761	10,539	14,134	13,835	
Subtotal:----	818	686	8,021	8,989	12,018	8,559	7,778	68,231	88,688	101,068	
WINE KL											
GRAPE WINES	9,536	9,938	60,379	64,339	117,129	13,153	13,744	81,727	89,492	159,405	
OTHER WINE PRODUCTS	1,783	726	10,445	8,921	21,160	850	896	5,562	4,903	10,340	
Subtotal:----	11,320	10,664	70,825	73,260	138,290	14,003	14,641	87,289	94,396	169,745	
MISCELLANEOUS KL											
BEER & BEVERAGES	41,472	33,420	196,475	210,140	366,786	25,515	20,219	120,928	131,943	237,657	
FOIBLE PREPARATIONS	11,782	11,413	69,972	69,972	148,912	6,485	6,485	24,850	24,850	38,127	
POTATO CHIPS	2,666	4,484	17,997	26,762	34,280	6,485	6,904	48,250	64,819	88,032	
OTHER MISC	0	0	0	0	0	16,477	17,299	103,283	121,641	179,847	
Subtotal:----	51,986	49,319	264,447	306,135	493,366	77,141	95,335	455,720	559,129	833,659	
Grand Total:						560,319	615,714	4,008,075	4,098,964	6,844,491	



U.S. IMPORTS OF SELECTED HORTICULTURAL COMMODITIES  
WORLD TOTAL, OCTOBER-SEPTEMBER YEAR  
APR 93

NAME	QUANTITY				VALUE (1,000 DOLLARS)					
	CURR MO LAST YR	CURR MO CURR YR	YR TOTATE LAST YR	YR TOTATE CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR
<b>FRESH FRUIT</b>	<b>MT</b>									
APPLES	23,132	20,556	76,832	57,229	133,940	17,853	12,843	37,527	25,198	81,176
AVOCADO	3,65	53	16,017	16,481	22,817	1,138	93	56,002	13,871	81,429
BANANA	304,276	263,687	1,992,931	2,020,189	3,435,826	95,483	79,927	585,191	573,897	1,008,482
CANTELOUPE	47,340	54,822	161,578	182,752	219,672	16,657	16,917	55,310	58,605	72,209
GRAPE	87,846	40,485	267,838	37,431	310,170	31,120	27,698	185,147	204,744	255,504
KIWIFRUIT	2,480	6,759	3,435	28,126	3,801	10,380	3,980	3,980	3,980	3,980
MANGO	11,463	16,462	21,609	28,678	74,513	10,858	14,930	23,708	27,569	69,280
PEACH	11,522	11,872	44,988	50,162	55,848	3,000	5,268	34,049	26,228	34,627
PEAR	13,372	10,193	73,831	70,828	121,734	4,566	3,662	25,624	25,720	43,232
PINEAPPLE	11,522	10,193	73,831	70,828	121,734	4,566	3,662	25,624	25,720	43,232
STRAWBERRY	55,745	25,496	88,110	91,348	10,471	2,059	3,028	11,872	19,917	12,941
OTHER MELON	2,480	6,759	3,435	28,126	3,801	10,380	3,980	3,980	3,980	3,980
OTHER FRUIT	55,745	25,496	88,110	91,348	10,471	2,059	3,028	11,872	19,917	12,941
Subtotal:----	536,732	510,144	3,123,533	3,194,214	5,055,389	210,969	194,084	1,162,004	1,174,323	1,884,232
<b>DRIED FRUIT</b>	<b>MT</b>									
DRD APRICOT	418	452	5,759	7,056	7,670	946	935	11,696	16,190	16,435
DRD FIG & PASTE	745	625	1,039	6,325	22,174	2,400	3,488	15,777	19,791	17,620
OTHER DRD FRUIT	1,997	1,698	12,680	17,668	39,066	4,157	3,488	38,865	44,962	57,645
Subtotal:----	3,161	2,443	26,479	31,051	39,066	4,157	3,488	38,865	44,962	57,645
<b>FROZEN FRUIT</b>	<b>MT</b>									
FZN BLUEBERRIES	290	309	2,954	2,808	5,667	529	576	5,074	5,314	10,016
FZN STR	4,871	4,250	1,954	1,884	28,847	4,741	4,177	14,075	14,283	21,986
OTHER FZN FRUIT	6,292	3,174	15,132	16,228	54,514	6,966	7,889	37,256	36,386	64,075
Subtotal:----	11,353	7,764	31,069	31,649	54,514	6,966	7,889	37,256	36,386	64,075
<b>CANNED/PREP FRUIT</b>	<b>MT</b>									
CANNED OLIVES	6,969	5,530	40,880	44,139	76,771	15,970	12,749	84,462	94,917	155,803
CANNED ORANGES	6,454	3,985	40,972	21,557	62,098	7,373	3,589	49,934	20,744	74,127
CANNED PEACH	728	1,185	50,510	17,111	65,290	7,808	3,589	10,946	37,407	61,948
CANNED PINEAPPLE	32,174	29,831	206,864	192,112	335,888	21,432	19,579	138,174	123,085	224,262
MIXED FRUIT	2,454	2,818	25,725	21,441	34,604	2,249	2,649	22,607	19,229	30,745
PREP/PRES FRUIT	6,292	5,032	26,018	25,758	44,165	5,136	6,495	35,209	35,176	57,240
OTHER CANNED FRUIT	3,958	5,032	26,018	25,758	44,165	5,136	6,495	35,209	35,176	57,240
Subtotal:----	58,932	52,330	388,249	353,970	631,786	59,306	50,878	377,021	342,203	622,229
<b>FRT&amp;VEG JUICE (SSE)</b>	<b>KL</b>									
APPLE JUICE	68,202	66,711	493,503	442,542	880,377	25,644	18,059	189,500	135,668	332,584
FCOJ	7,796	60,632	779,641	677,673	1,072,839	3,484	4,865	108,871	108,871	31,942
GRAPE JU	9,923	13,171	55,222	67,842	168,934	3,484	4,865	108,871	108,871	31,942
PINAP JU	38,381	34,731	231,776	197,870	351,293	9,731	8,082	61,070	46,942	92,991
OTHER FRUIT JU	1,564	13,722	25,921	80,228	35,338	221	4,695	4,695	5,075	91,072
Subtotal:----	190,868	188,970	1,575,838	1,443,321	2,608,604	65,826	45,501	532,730	366,496	874,681
<b>FRESH VEGETABLES</b>	<b>MT</b>									
GARLIC	2,772	2,542	6,339	7,454	18,753	2,875	2,661	7,136	8,307	18,679
ASPARAGUS	7,780	1,125	21,265	23,768	25,401	772	1,513	29,158	33,407	33,057
BELL PEPPER	7,588	10,074	70,016	99,255	83,919	10,470	16,139	62,267	88,975	89,726
CARROTS	1,728	2,185	50,510	17,111	65,290	7,808	3,589	10,946	37,407	61,948
CHILI PEPPER	4,512	4,020	21,219	24,244	36,165	8,811	5,226	33,528	32,630	50,620
CUCUMBER	17,962	15,285	152,633	216,878	174,881	9,304	8,280	59,055	72,493	69,892
ONIONS	42,193	34,422	157,800	164,943	91,941	21,950	17,747	19,206	38,142	110,368
POTATO, INCL SD	32,600	63,506	119,465	240,541	153,554	4,701	11,010	19,206	38,142	24,398
SQUASH	8,184	8,899	55,904	84,626	83,525	3,981	5,519	42,205	76,682	45,003
TOMATOES	10,589	6,616	144,909	289,458	214,241	31,799	16,635	103,137	112,017	143,759
OTHER FRESH VEGETAB	23,038	29,696	183,535	197,710	267,390	13,737	18,635	104,725	112,017	146,556
Subtotal:----	166,356	233,394	1,003,701	1,387,606	1,315,566	108,411	122,284	553,180	776,927	749,697
<b>CANNED/DEHYD VEGET</b>	<b>MT</b>									
CND ARTICHOKE	1,125	1,176	8,098	7,427	18,922	1,760	1,884	12,598	11,856	30,366
CANNED BAMBOO	1,884	2,197	17,265	17,265	50,095	4,937	6,336	21,598	23,410	29,552
CND MSHROOMS	4,020	3,784	30,366	29,427	65,217	9,947	9,756	63,410	61,556	112,497
CND PIMIENTO	634	541	4,271	3,897	7,503	1,088	662	7,688	5,910	13,001
CND TOM	3,753	3,757	22,154	26,841	40,822	2,620	2,551	19,395	10,071	17,065
CANNED WATERCHESNU	271	1,180	1,982	34,332	34,332	1,803	1,803	18,871	10,071	26,770
TOMATO PASTE & SAUC	1,424	9,914	8,682	23,369	24,162	870	7,601	5,768	16,163	15,489
DRIED TOMATOES	138	150	794	1,013	1,377	1,658	2,815	12,237	13,877	18,797
DRIED TOMATOES	491	3,765	4,024	7,089	7,089	1,377	1,658	12,237	13,877	18,797
OTHER DEHYD VEGETAB	6,644	6,531	41,468	48,201	79,779	4,980	4,716	33,616	34,865	61,007
OTHER CND VEG	13,497	15,194	105,086	117,421	180,464	14,507	17,027	113,755	121,390	192,648
Subtotal:----	36,394	46,421	265,456	297,091	474,834	42,043	48,766	318,792	321,992	552,850
<b>FROZEN VEGETABLES</b>	<b>MT</b>									
BROCCOLI FZN	12,344	17,543	99,000	120,920	156,737	8,106	11,456	67,807	80,697	108,309
CARITFLOWER FZN	797	7,485	16,949	18,567	19,096	1,333	1,333	13,847	13,913	15,391
POTATO FZN	7,440	12,331	47,744	71,073	85,276	4,137	6,853	25,798	39,644	45,302
OTHER YEG FZN	46,478	194,069	500,619	823,561	1,063,606	7,152	7,760	54,471	63,443	89,337
Subtotal:----	66,360	224,439	664,314	1,034,122	1,324,716	19,611	26,403	160,415	186,948	258,340
<b>TREE NUTS</b>	<b>MT</b>									
BRAZILS TOT	827	837	3,238	4,673	9,958	1,199	1,120	5,830	6,888	13,892
CASHEWS TOT	4,455	3,086	29,855	39,033	56,063	18,716	12,438	141,372	157,476	253,429
COCONUT	5,108	4,416	34,145	33,375	60,764	4,660	3,631	26,691	27,882	51,553
PECANS	756	1,760	11,395	12,968	14,438	4,326	3,311	26,691	27,882	51,553
OTHER NUTS	11,418	10,731	87,965	106,672	154,423	28,862	27,313	246,020	300,132	419,756
Subtotal:----	11,418	10,731	87,965	106,672	154,423	28,862	27,313	246,020	300,132	419,756
<b>NURSERY PRODUCTS</b>	<b>M</b>									
CARNATIONS	130,043	120,799	583,022	618,413	889,889	12,977	11,021	55,082	55,238	83,596
CHRISTMAS TREES	32,249	15,722	144,704	86,667	215,648	9,008	7,269	37,602	39,067	61,226
CHRYSANTHEMUMS	57,329	75,808	319,197	378,335	504,446	9,009	12,827	58,064	69,172	88,237
TULIP BULBS	2,194	0	73,732	65,748	281,544	8,811	0	62,622	67,831	99,233
OTHER CUT FLRS	0	0	0	0	0	11,744	12,729	117,210	131,364	190,290
OTH NURS PROD	0	0	0	0	0	16,745	17,025	117,210	131,364	190,290
Subtotal:----	219,623	212,332	1,122,850	1,151,156	1,893,726	59,487	60,881	358,118	387,800	573,609
<b>HOPS &amp; PRODUCTS</b>	<b>MT</b>									
HOPS & PELLETS	955	516	6,887	3,614	7,608	4,844	3,841	30,560	19,996	34,367
OTHER HOP PRODS	0	0	0	0	0	0	0	0	0	0
Subtotal:----	955	516	6,887	3,614	7,608	4,844	3,841	30,560	19,996	34,367
<b>WINE</b>	<b>KL</b>									
RED WINE	9,139	9,256	51,063	56,420	102,539	39,840	40,343	210,153	221,601	418,995
SPARKLING WINE	1,613	1,747	20,628	19,081	32,292	13,108	17,351	157,567	157,424	259,710
WHITE WINE	1,814	2,068	18,889	15,689	26,217	11,119	15,119	111,119	166,229	312,440
OTHER WINE PROD	2,194	0	73,732	65,748	281,544	8,811	0	62,622	67,831	99,233
Subtotal:----	20,842	20,114	144,722	142,002	266,583	83,791	83,254	586,803	578,642	1,085,925
<b>MISCELLANEOUS</b>	<b>KL</b>									
BEER & BEVERAGES	87,640	86,781	537,017	575,458	1,032,714	76,748	76,668	462,377	490,707	884,171
OTHER MISC.	0	0	0	0	0	0	0	0	0	0
Subtotal:----	87,640	86,781	537,017	575,458	1,032,714	76,748	76,668	462,377	490,707	884,171
<b>Grand Total:</b>						827,684	810,429	5,236,801	5,427,396	8,700,895

## **Monthly Policy and Marketing** **News Updates**

### **General Developments**

#### **Some EC produce markets will open up to U.S. exporters as phytosanitary trade barriers fall.**

Implementation of the new EC plant health regime in June promises to open some EC member country markets for fruits and vegetables. While the new EC rules may have little effect in some northern EC countries, where there is presently considerable access for U.S. horticultural exports, in other countries the new requirements will eliminate national import bans on fresh produce from the United States. For example, Spain will eliminate its phytosanitary ban on imports of U.S. fresh fruit. Prior to liberalization, the only exception to the Spanish ban was a 1992 bilateral agreement permitting apples and pears from Oregon and Washington to enter Spain after undergoing cold treatment. Apples and pears from all regions of the United States will now be able to enter Spain as long as they meet the new phytosanitary requirements. U.S. grapefruit and cherries will also be allowed in; these are thought to have immediate marketing potential.

Under the new EC plant health regime, Italy is required to eliminate its import bans on most U.S. fresh fruits, but will be allowed to maintain its ban on fresh citrus (excluding grapefruit) from non-EC sources. Greece will be permitted to ban all non-EC citrus imports without exception. However, it is not yet clear how, with the elimination of most border controls between EC countries, the Community will prevent third country citrus from entering Italy or Greece.

#### **The United Kingdom will revise its produce quality inspection system.**

The United Kingdom's Ministry of Agriculture, Fisheries and Food (MAFF) is expected to make changes in fresh produce import notification procedures affecting those countries participating in the EC's new quality inspection system. The

United States has not applied for coverage under the new system. USDA has been assured by the U.K.'s inspection agency that no changes are expected in the way quality inspections are conducted at the point of entry for product originating in countries not covered by the recognition system.

The United Kingdom has indicated that importers of fresh produce from non-EC countries adhering to the new quality inspection program will have to notify MAFF's Horticultural Marketing Inspectorate of the arrival of import shipments. U.K. importers will need to inform the appropriate authorities of the nature and volume of the products, number of lots, and the expected date of arrival.

MAFF is also expected to introduce a "processing certificate" requirement in the near future. The certificate would accompany EC-origin fresh products that are to be processed outside their region of production, and all non-EC fresh product imports that are to be processed within the Community.

Commission Regulations 2251/92 and 3720/92 established a means by which the EC may authorize third countries to inspect and certify the quality of fresh produce exported to the Community. The United Kingdom will exempt product from countries that have received or have requested recognition of their quality inspection services from the notification requirement.

The Commission is not expected to be able to start approving third country inspection services under the new quality inspection system before Fall 1993. Countries that have applied for recognition include: Argentina, Australia, Cyprus, Ecuador, Egypt, India, Israel, Jordan, Morocco, New Zealand, Czechoslovakia (former), Poland, South Africa, Switzerland, Thailand, Tunisia, and Uruguay.

#### **USDA Increases GSM-102 Coverage for Mexico.**

Funding for horticultural products eligible for GSM-102 export credit guarantees for Mexico



for the remainder of fiscal year 1993 was increased on June 24. The line for fresh fruit (apples, pears, plums, peaches, nectarines and strawberries) was raised from \$1.0 million to \$2.0 million. The total fiscal 1993 allocation for horticultural sales to Mexico under GSM-102 is increased from \$12 million to \$13 million. The guarantors are Banco Nacional de Mexico and/or other eligible banks. Other countries' allocations for horticultural products under GSM-102 are listed in the table below.

provides guarantees of payments to private exporters for commercial sales of agricultural products to middle-income developing countries. U.S. exporters are reminded that all applications for guarantees are subject to price review. Exporters who submit applications for payment guarantees for fresh fruit under this announcement should be familiar with the Notice to Program Participants, (GSM-91-4), issued Sept. 17, 1991. For further information, call (202) 720-3224.

GSM-102 is a U.S. government program that

### FY 1993 Horticultural GSM-102 Credit Guarantee Coverage 1/

Country/Commodity	Announced Allocations FY 1993 (\$1,000)	Exporter Applications Received (\$1,000)	Balance
Colombia			
Dried Fruits			
(Raisins and Prunes)	500	0	500
Tree Nuts	500	0	500
Mexico			
Almonds	1,000	0	1,000
Fresh Fruit			
(Apples, Pears, Plums, Peaches, Nectarines, Strawberries)	2,000	0	2,000
Hops	10,000	2,300	7,700
Tunisia			
Almonds	500	0	500
Raisins	500	0	500
Venezuela			
Fresh Fruits			
(Apples, Pears, Plums, Grapes, Cherries, Peaches)	5,000	0	5,000

1/ Coverage through 6/24/93 for fresh fruit to Mexico and through 6/18/93 for all other commodities.

According to the Agricultural Counselor in Jakarta, a private U.S. shipping company recently opened up a direct shipping service for all commodities including fruits and vegetables from U.S. west coast ports to Jakarta, Indonesia.

This will reduce shipping time from the United States to Indonesia (from 30 to 22 days) because it will no longer be necessary to tranship through ports such as Hong Kong and Singapore.

### **Citrus and Products**

In a move that will make it easier for Brazil to distribute orange juice to Japan and countries in Asia, Brazil's 2 largest orange juice companies began operating their new frozen concentrated orange juice (FCOJ) terminal at the port of Toyohashi, Japan. The facility has twenty 1,000 metric ton capacity tanks and one 5,000 ton capacity tank. Since the quota system for orange juice imports was eliminated on April 1, 1992, Brazil has increased its orange juice exports to Japan by 80 percent to 46,000 tons in 1992. Brazilian exports to Japan are expected to increase to 60,000 tons in 1993. In comparison, U.S. orange juice (includes single strength and concentrate) exports to Japan increased 67 percent to 12,225 tons (65 degrees brix) in 1992. The high quality of U.S. orange juice is being promoted in order to compete with lower priced Brazilian orange juice.

The 1993 Sao Paulo orange crop (equivalent to USDA 1992/93 crop year production) is forecast at 282 million (40.8 kilograms) boxes, 10 percent below the revised 1992 record orange harvest.

The expected drop is attributed to the trees entering a rest phase following the record output of 1992. Also, producers have reduced tree care in response to low frozen concentrated orange juice (FCOJ) prices. The 1992 Sao Paulo orange crop estimate has been increased to a record 314 million boxes, the result of favorable weather conditions during mid-1992, which

increased fruit size and yields more than earlier expected.

Brazilian orange juice production in 1992 has been revised to 1.13 million tons, 65 degrees brix, up 9 percent from the January forecast (see January 1992 issue of the Horticultural Products Review), due to Sao Paulo's 1992 record orange crop and larger fruit crush. Orange juice production in 1993 is forecast to decrease 10 percent to 1.02 million tons, as fewer oranges are expected to be processed in the state of Sao Paulo.

The orange juice export estimate for the year beginning in July 1992 is increased from 1.0 million to 1.03 million tons, as the result of stronger than expected export movements from the state of Sao Paulo. About 900,000 tons were shipped from Sao Paulo during the period of July 1992 to April 1993, 10 percent more than from the same period last season. Exports in 1993 are forecast slightly above the current season's estimate.

## BRAZIL: SUPPLY AND DISTRIBUTION OF ORANGES AND FCOJ 1/

	1991	1992	1993
<hr/>			
<b>Oranges, Sao Paulo</b>	<b>Million Boxes 2/</b>		
Production 3/	250	314	282
Fresh Consumption	35	38	38
Fresh Exports	3	2	2
Processed	212	274	242
<b>FCOJ, Brazil- 1,000 Metric Tons, 65 Degrees Brix 4/</b>			
Beginning Stocks	126	68	150
Production			
--Sao Paulo	920	1,100	1,000
--Other	29	30	20
--Total	949	1,130	1,020
Exports 5/			
--Sao Paulo	960	1,000	1,050
--Other	29	30	20
--Total	989	1,030	1,070
Consumption	18	18	18
Ending Stocks	68	150	82
<hr/>			
FCOJ Yields, kilograms per 40.8 kg. box	4.29	3.98	4.11
<hr/>			

1/ Harvesting and processing usually begin in late April or early May. Marketing season for FCOJ begins on July 1 of year indicated.

2/ 40.8 kg. or 90 pounds.

3/ Includes oranges produced in Sao Paulo's commercial citrus zone, plus tangerines and tangors used for processing.

4/ One metric ton at 65 degrees Brix equals 344.8 gallons at 42 degrees Brix or 1,405.88 gallon at single strength equivalent.

5/ Includes tangerine juice.

### Fresh Non-Citrus

#### **Pressure Builds on Japan to Open Apple Market to the United States; New Zealand Gains Access.**

The United States is continuing efforts, on both political and technical fronts, to achieve access

to Japan's lucrative apple market. U.S. Senator Slade Gorton (WA) was in Tokyo June 3-4, where he underscored the U.S. position that the time is long overdue for Japan to open its market to American apples. In addition, officials from the Animal and Plant Health Inspection Service and FAS held talks with Japanese officials on the phytosanitary aspects of the issue in Washington on June 7-8. In these meetings Japanese



officials continued to press for more data on pesticide treatments and on-site inspections for codling moth, lesser apple worm, and fire blight in the United States before they grant access to U.S. apples. Despite an earlier commitment, Japanese plant quarantine officials declined to conduct a review of U.S. production and plant health control procedures this past spring, thereby setting back the United States' chances of gaining access to Japan for the 1993 apple crop. In a related development, Japan notified New Zealand on May 27 of this year that its apples would be allowed entry into Japan. This follows a reported 20 years of negotiations, and, according to the Agricultural Minister Counselor in Tokyo, was made possible by New Zealand's successful efforts to satisfy Japan's plant health officials that its apples could be shipped without transmitting codling moth or fire blight.

### **Canada's Material Injury Findings on U.S. Tart Cherries and Apples Is Set to Expire.**

The Canadian International Trade Tribunal (CITT) has issued notices that its material injury findings on imports of U.S. Red and Golden Delicious apples and tart cherries are scheduled to expire in early 1994. Canada has imposed separate anti-dumping duties on these products since 1989. Under Canadian Law, findings of material injury and associated protection, such as anti-dumping duties, expire in 5 years unless a review is initiated. The CITT has given notice that it does not intend to initiate a review in either case unless it receives sufficient information to indicate that reviews are warranted. There was a short public comment period for interested parties to request or oppose the initiation of a review. Written submissions to the Secretary of the Tribunal were accepted through June 28, 1993 for tart cherries and July 2, 1993 for apples.

### **EC Invokes a Countervailing Duty on U.S. Apples.**

On June 19, a countervailing duty of 3.96 ECUs per 100 kilograms (approximately 89 U.S. cents

per 42 pound carton) was imposed on U.S. apples entering the European Community (EC). The duty was invoked due to the sale of 30 tons of U.S. apples below the current reference price of 57.08 ECU/100 kilograms (approximately \$15 per carton) on June 15 and 16, and remained in effect through June 29. Prior to that date, all U.S. apples entering the Community paid the additional levy.

On April 7, the EC introduced a countervailing duty on imports of apples from Chile, which began at approximately 2 ECUs per 100 kilograms and rose to approximately 17 ECUs by May 6. At the June 16 GATT Council meeting, Chile protested that countervailing charges are discriminatory and that the system lacks transparency. The Chileans are supported by a number of apple producing countries who would like to see the EC reference price system reformed.

### **EC Invokes a Licensing Requirement on Fresh Cherries.**

On June 25, the EC Grain Management Committee voted in favor of the EC Commission's proposal to establish an import licensing scheme for fresh cherries. The licensing scheme will become effective 7 days after the implementing regulation is published in the Official Journal. If the regulation comes into effect by early July, it would cut halfway into the Pacific Northwest's cherry export season. A deposit of 0.6 ECU/100 kilograms (approximately \$0.70/100 kilograms) will be required. The licenses will be valid for 20 days, and will be distributed 3 days after application.

According to trade sources in Europe, the proposal was initiated at the request of Germany, among other EC members, due to large shipments of Hungarian cherries to the EC. A countervailing duty of 60 ECU/100 kilograms was also applied to imports of Hungarian fresh cherries beginning June 26. The United States exported 3,230 metric tons of fresh cherries to the EC in 1992, with 2,637 tons going to the United Kingdom. It is feared that U.S. exports of fresh cherries to the EC could be reduced if marginal traders give up on trying to comply with

new licensing requirements for a short import season. Chile Feels the Impact of Large Northern Hemisphere Fruit Crops

Chile's total fruit and vegetable exports thus far this season (September 1, 1992 to May 20, 1993) have fallen 8.2 percent compared to the same period last year. Only table grapes, pears, and cherries have increased in volume from last year. Sales of all other major fruit categories have declined, ranging from 2 to 44 percent. The Fruit Producers Association in Chile has estimated that economic returns for this season's exports are expected to fall 12 percent. In 1991/92, Chile's fresh fruit exports totaled US\$982 million.

The expected decrease in total exports during 1992/93 is principally due to increased Northern Hemisphere production of fruit, particularly apples, kiwis, and stone fruit. Chile's apple producers and exporters are experiencing a particularly difficult export season as a result of the glut of apples in Northern Hemisphere countries and resultant declining prices in principal export markets. In the European Community, the spiraling effect of countervailing duties slowed Chilean apple shipments considerably. The lower Chilean prices that triggered the countervailing duty were caused partly by the heavy volume of Chilean apples that arrived early in the season. Between March 17 and 27, 1.2 million boxes of apples arrived in European ports, compared to 500,000 boxes for the same period in 1992.

The effect of reduced export opportunities on future production in Chile is still unclear. Some producers in the Rancagua region, which produces approximately 50 percent of total apples and pears, have already announced that they will most likely not harvest their apples. Members of the apple juice industry have also indicated that they have supplied their needs for this season and are not planning to buy additional apples for juice production.

U.S. imports of Chilean fresh fruit during the period of September 1992 - April 1993 increased nearly 5 percent to \$281 million from the previous year. Grapes, pears, and kiwis

accounted for most of the increase, while imports of apples, peaches, and plums registered moderate declines.

## Vegetables

### **A shortage of vegetable supplies in Taiwan may cause a temporary surge in imports.**

According to press reports, heavy rains have reduced vegetable supplies in Taiwan. As a result of these rains, vegetable prices are reaching a record high. The main vegetable producing areas in Taiwan are Taoyuan, Miaoli, Taichung, Changhua, Yunlin, and Tainan, and they have all suffered losses from the heavy rains. Cabbage has become one of the scarcest products.

Officials from the Taiwan Government have indicated more imports may be needed to meet current vegetable demand. Short term opportunities may exist for U.S. vegetable suppliers due to the temporary shortage. In 1992, the United States exported \$5 million of vegetable products to Taiwan, 8 percent below the previous year's shipments.

## Processed Tomato Product Situation and Outlook

U.S. exports of tomato products have increased in recent years despite excess world supplies. In 1992, the United States exported \$151 million worth of tomato products, nearly 7 times greater than in 1988. Plentiful supplies in the United States, declining production in Canada, lowered trade barriers in Japan, and market promotion efforts contributed to this growth. Exports during the first four months of 1993 stayed near the 1992 level.

### SUMMARY

Production of tomatoes for processing in 1993 for 10 major producing countries is forecast to reach almost 17 million metric tons, up 8 percent

from the reduced 1992 harvest, but considerably lower than levels harvested in previous seasons. Most of this increase will come from increased production in the United States. In 1993/94,

### PROCESSING TOMATO PRODUCTION IN SELECTED COUNTRIES (1,000 METRIC TONS)

	1989	1990	1991	1992	Forecast 1993
<b>WESTERN HEMISPHERE</b>					
United States 1/	8,604	9,394	9,864	7,962	8,923
Mexico	317	365	420	52	380
--Total	8,921	9,759	10,284	8,014	9,303
<b>MEDITERRANEAN</b>					
European Community					
-Italy	3,800	3,800	3,400	3,200	3,350
-France	324	326	320	249	300
-Greece 2/	1,400	1,090	1,177	985	1,000
-Spain	976	1,140	872	768	819
-Portugal	617	823	706	447	405
--TOTAL EC	7,117	7,179	6,475	5,649	5,874
Other Mediterranean					
-Turkey	1,700	1,450	1,320	1,500	1,100
-Israel	329	370	168	143	250
--Total	2,029	1,820	1,488	1,643	1,350
<b>TOTAL MEDITERRANEAN</b>	9,146	8,999	7,963	7,292	7,224
Taiwan	220	182	220	133	86
<b>GRAND TOTAL</b>	18,287	18,940	18,467	15,439	16,613

1/ For 1993, includes contract production only.

2/ For 1989, includes 8,000 tons withdrawn from the market and approximately 100,000 tons not delivered to processors. For 1990, includes 19,000 tons withdrawn from the market and 81,000 tons diverted to the fresh market. For 1991 and 1992, includes approximately 50,000 tons diverted to the fresh market.

Source: Production Estimates and Crop Assessment Division, FAS, USDA



world processors of canned tomatoes and tomato paste continue to experience relatively large carry-over stocks. Paste stocks in major producing countries are expected to decline. With exports of canned tomatoes and tomato paste forecast at 1.2 million tons about the same as 1992/93 level, total stock drawdowns would appear to be minimal.

#### United States

In 1993, U.S. production of tomatoes for processing under contract is forecast to reach about 9 million metric tons, up 14 percent from 1992 and 12 percent above total 1992 production. Area under contract is estimated at 127,000 hectares, up 15 percent from the reduced contracting level in 1992. Processors cut back contracting in 1992 because of burdensome inventories that have beset the industry the past few years.

The major U.S. processors who account for the bulk of the tomato processing in the United States are located in California. Tomato paste production accounts for about 60 percent of total U.S. tomatoes used for processing.

Processing tomato yields have registered strong gains in the past several years with 1992's 29.1 metric tons per acre a record setter. Much of these gains have been obtained through the adoption of new higher-yielding varieties; use of precision planters, which result in more uniform stands; and favorable weather conditions during peak growing periods.

According to the Economic Research Service of the U.S. Department of Agriculture, yields in 1993 are not expected to set records, but are expected to approach last year's high. Irrigation water may not be a limiting factor this season. Weather patterns presently favor cooler rather than hotter weather, which should allow for fuller pollination and heavier fruit set.

In calendar year 1992, U.S. exports of tomato products totaled 178,000 tons valued at \$151 million, up 60 percent in volume and 44 percent in value. Canada and some Asian countries were the most important markets, accounting for 87

percent of the total value.

#### Canada

Production of tomatoes for processing in Canada in 1993 is forecast to reach 400,000 tons, about the same as in 1992, but 31 percent below the level produced in 1991.

#### Mexico

Production of processing tomatoes for 1993 is forecast at 380,000 tons, sharply above last year's 52,000-ton crop, but substantially below the 420,000 tons harvest of 1991. Paste production and exports are also expected to be up sharply in 1993. The 1992 crop was partially destroyed by heavy rainfall and flooding.

#### European Community

In 1993 harvest of processing tomatoes in the major producing countries in the European Community (EC) is forecast at 5.9 million tons, up 4 percent from 1992. The 1993 EC support price for processing tomatoes, in ECU terms, is unchanged from 1992. The overall EC quota also remained at the 1992 level of 6.6 million tons. In another policy switch, the quota is being pro-rated among individual countries rather than applied at the EC level which was done last year. As indicated, 1992 production was less than the EC-wide quota and a similar condition is expected to occur in 1993.

#### Greece

The 1993 tomato crop in Greece (both for processing and fresh table use) is forecast to reach 1,725,000 tons, up 3 percent from the level registered in 1992. Of the 1993 production volume, 1,000,000 tons is slated for processing and the balance for fresh market.

Tomato paste production continues to dominate the use of processing tomatoes in Greece, accounting for 95 percent of the 1992 production of 985,000 tons. Of the 1992 industrial tomato production, about 50,000 tons were diverted to the fresh market, and 20,000 tons for home use and/or waste at the farm

level. According to the Ministry of Agriculture, actual deliveries to processing plants totaled 915,000 tons, of which 868,762 tons were delivered for tomato paste processing.

A total of 40 tomato paste processing plants operated in 1992 compared with 43 plants operating in 1991. Six of these plants processed over 40,000 tons of raw material each, 18 plants processed between 10,000 tons and 40,000 tons each, and the remaining 16 plants processed below 10,000 tons each. The total number of plants processing tomato products in 1992 were 44 as compared to 51 in 1991.

Out of the 915,000 tons of tomatoes delivered to processors in 1992, 45,893 tons were used for tomato products other than paste, such as whole canned tomatoes, chopped, crushed, diced, juices, sauces, and flakes. The amount of canned whole peeled tomatoes used in 1992 was 7,757 tons, down 29 percent from 1991. The 1993 volume is forecast to reach 10,000 tons.

The conversion rates of fresh to processed whole peeled tomatoes are 1.42 to 1 for the Roma type pear shaped varieties, and 1.34 to 1 for the San Marzano type elongated pear shaped varieties. The principal tomato varieties used in canned peeled products are Europeel, Full, and Deneb.

The production of tomato paste in Greece in 1993 is forecast to reach 170,000 tons, up 9 percent from 1992. Tomato paste exports, which account for over 90 percent of total paste production in most years, were down about 6 percent from 1992. Greece's primary markets for tomato paste include the United Kingdom, Libya, Italy, and Germany.

Greek exports of whole peeled and unpeeled tomatoes during calendar year 1992 totaled 2,582 tons, compared with 1,500 tons and 1,300 tons exported during 1991 and 1990, respectively.

#### Portugal

Portuguese production of tomatoes for processing in 1993 is forecast to reach only

405,000 tons, down 9 percent from 1992. The industry's financial problems have led to the purchase of much lower quantities of tomatoes for processing than earlier established in their "provisional" contracts with the farmers. With 1993 contracted "provisional" quantities totaling an optimistic 707,000 tons, actual production is expected to remain at about last year's level, if not below 400,000 tons, because of the industry's continued problems as well as weather constraints. The total number of plants processing tomatoes in Portugal in 1992 was 17, down from 22 in 1991.

Portugal's production of tomato paste in 1993 is forecast to reach 76,000 tons, down about 9 percent from 1992. In recent years, exports have utilized all Portuguese paste production. Portuguese exports of tomato paste remain essentially unchanged, with most exports going to EC markets. However, other important markets include Brazil, Japan, and Sweden. Reportedly, some market development efforts have been directed toward expanding tomato paste sales to Middle-East countries, and to South America when there are short crops.

The production of tomatoes in Portugal continues to be dominated by small farmers on areas ranging from 1 to 5 hectares each, which accounts for 95 percent of total production. The farmers continue to be predominantly tenants renting the land on an annual basis, often through payment of unofficial speculative rents, a relatively common practice owing to the attractiveness of tomatoes vis-a-vis competing crops.

Production technology employed by the farmers is relatively modern, but heavily labor-dependent for the harvest. All areas are irrigated, to a large extent with equipment purchased through the EC Farm Restructuring Regulations.

Domestic consumption of processed tomato products has remained relatively stable, with a moderate trend to increase. Food service use has tended to increase on account of the expansion in the restaurant business, which is particularly visible in the fast food sector. However, the higher ketchup and pizza sauce

consumption levels have been achieved at the expense of other tomato products, while imported brands account for a significant share of total tomato-based products consumed in restaurants.

### France

The production of tomatoes for processing in France in 1993 is forecast at 300,000 tons, up 20 percent from 1992. This increase is due primarily to larger planted area, and a likely recovery in yields from last year's relatively low levels for tomatoes grown in open fields. Despite the improved conditions forecast for 1993, France is not expected to fulfill its EC quota of 392,000 tons due to the continuing difficulties that French producers are experiencing due to low-priced imports. The total number of tomato processing plants in France in 1992 was 33, but one was not operating.

The EC minimum grower price (MGP) for fresh tomatoes intended for the manufacture of canned peeled whole tomatoes of the Roma type in 1992/93 remained stable at US \$16.32 per 100 kilograms. The MGP for fresh tomatoes destined for canned tomato paste was US \$12.82 per 100 kilogram, unchanged from 1991/92.

The EC processing subsidies per 100 kilograms of product (net weight) in 1992/93 amounted to US \$10.70 for canned peeled whole tomatoes of the Roma type, and US \$42.20 for tomato paste. These subsidies were down 5 percent from 1991/92.

French production of canned tomatoes in 1993 is forecast to reach 38,000 tons, up 20 percent from 1992. This increase reportedly will likely come from a larger output of miscellaneous canned tomato products (pizza preparations, etc.) that benefit from sustained consumer demand.

France is a net importer of canned tomatoes. Imports account for more than two-thirds of domestic consumption, totalling 130,000 tons in 1992 and forecast to reach 132,000 tons in

1993. Italy and Spain supply the bulk of canned tomatoes to France. France does not import canned tomatoes from the United States.

French production of tomato paste in 1993 is forecast at 40,000 tons, up 13 percent from 1992. However, it is likely that the 1993 level will remain below the 44,000 tons produced in 1991, due to strong competition from imports.

Domestic consumption of tomato paste in France has remained constant at about the 83,000 ton level from 1991 to 1993.

### Italy

Production of tomatoes for processing in Italy in 1993 is forecast at 3.4 million tons, 5 percent above the level produced in 1992. An increase in the support price for the 1993 season, in lira terms, has encouraged growers to increase production, while improved export prospects have encouraged processors to increase output.

During 1992 the Italian tomato industry processed 3.2 million tons of raw tomatoes including 1.6 million tons for tomato paste; 1 million tons for whole canned tomatoes; and over a half million tons for other canned tomato products, such as polpa (diced tomatoes) and passata (crushed tomatoes). Only polpa and passata have shown an increase in production (about 40 percent).

Tomato paste production in 1993 is forecast to reach 310,000 tons, up 3 percent from 1992. In 1992, tomato paste production declined in response to large stocks and very low wholesale prices. Most of the Italian tomato paste production is concentrated in the Campania region and is mainly a by-product of canned tomato production. Also, during the 1992 processing season the yield for tomato paste averaged 5.3 kilograms of fresh tomatoes for one kilogram of paste, basis 28/30 percent solids.

Consumption of tomato paste in Italy continues to decline slightly, due to increased competition from new tomato products such as passata and polpa.



Italian tomato paste exports account for 80 to 90 percent of the total annual paste production. Tomato paste exports to the United States have declined since 1989 a consequence of the 100 percent duty imposed by the United States on canned tomatoes as part of the hormone dispute.

Italy's canned tomato production in 1993 is forecast at 1.3 million tons, up 8 percent from 1992. The upward forecast for canned tomatoes is the result of a more favorable international market situation.

Consumption of the traditional whole canned tomatoes in Italy is decreasing in favor of new tomato products. Reportedly, the quality of these new products is good and they are more easily utilized by consumers.

### Spain

Spain's production of processing tomatoes for 1993 is forecast to reach about 819,000 tons, up 7 percent from 1992. Although much of Spain is suffering from drought conditions, water reservoir levels in tomato production areas are reported to be sufficient to ensure an adequate supply for irrigation. The bulk of tomatoes produced in Spain is irrigated.

In Spain, tomatoes are grown in the east from Catalonia to Almeria, Estremadura, the Canary Islands and the Ebro River basin--Navarra, Rioja and Aragon. Spain harvests about 59 percent of its crop from June to September, about 21 percent from October to December, and about 20 percent from January to May.

Beginning in marketing year 1992/93, Spanish tomato production was folded into the global EC production quota for tomatoes. Minimum grower prices and production aids were also fully aligned with the rest of the EC for the 1992/93 marketing year. The EC Council Regulation 668/93 of March 17, 1993 establishes an annual production quota for six EC countries over the next two marketing years, 1993/94 and 1994/95. The production quota for Spain will be limited to the following quantities fresh tomato equivalent: tomato paste (concentrate), 550,000 tons; whole peeled tomatoes, 240,000 tons; and

other tomato products, 177,050 tons.

Tomato paste production in 1993 is forecast at 93,000 tons, down slightly from 1992. Estremadura, in the southwestern region of the country, is the major tomato paste producing area, accounting for almost 90 percent of Spain's total output. The remaining 10 percent is produced in scattered locations throughout peninsular Spain and the Canary Islands. About 80 percent of tomato paste production in Spain is 28/30 percent TSS and 20 percent is triple concentrated level of 36/38 percent TSS.

The Spanish tomato paste manufacturing industry is relatively well advanced in technology and automation. Unlike the canned tomato industry, tomato paste factories do not generally process other vegetables and fruit.

About 25 firms are engaged in paste processing, and 2 of these firms also produce tomato powder from tomato paste. These 25 plants have a total raw tomato processing capacity of about 800,000 tons. However, average utilized capacity runs between 65 to 70 percent. Production capacity does not change substantially from one year to the next. The majority of paste processing firms are Spanish companies. However, Spain's production of "tomate frito" (a typical Spanish tomato sauce), ketchup and other tomato paste based products, is dominated by foreign companies (such as Nestle, Heinz, and Starlux).

In 1993, canned tomato production is forecast at 233,000 tons, up 7 percent from last year. Domestic consumption accounts for about 70 percent of total canned tomato utilization.

In Spain, there are about 125 plants for processing tomatoes for canning including peeled, whole or in pieces, crushed, etc., with a total raw tomato processing capacity of about 500,000 tons. Average utilized capacity runs between 40 and 50 percent. Production capacity for canned tomatoes does not change significantly from one year to the next.

Canneries engaged in peeled tomato processing are primarily located in the Ebro basin (Navarra)

and Murica, and account for a majority of total production. Plants engaged in crushed tomato processing are primarily based in Badajoz.

#### Turkey

Production of tomatoes for processing in Turkey in 1993 is forecast at 1.1 million tons, down 27 percent from 1992. Despite an increase in the base price for tomatoes, some farmers are refusing to plant processing tomatoes, preferring instead to plant more profitable crops like sugarbeets and sunflower.

Production of tomato paste in Turkey in 1993 is forecast to reach 180,000 tons, down 22 percent from 1992. Reasons for this production decrease are reportedly due to political problems in traditional Turkish tomato paste importing countries, namely Iraq and Algeria, and the world-wide glut of tomato paste. Large tomato paste stocks in international markets and strong competition from the U.S., Chilean, Greek and Thai producers have prevented a higher utilization of local Turkish processing capacity. About 70 percent of Turkish processed tomato production is exported. Turkish total annual tomato paste production capacity is 370,000 tons.

Tomatoes are grown in most parts of Turkey as family operations on small plots. The bulk of tomato production is concentrated in the western and southern regions of the country where favorable climatic conditions exist. Most of the tomato paste processing plants are located in the Southern Marmara region around Bursa, Balikesir and Canakkale provinces. There are about 25 large and 12 small tomato paste plants in Turkey, with most of them located in Marmara and the Aegean regions. Some mechanization is used in planting but none in the harvesting of tomatoes.

Turkish tomato paste exports in calendar year 1993 are forecast at 120,000 tons, down 23 percent from 1992. Strong international competition continues to be the major factor for the decline. Turkey's primary markets included Japan, 27,000 tons; Libya, 23,000 tons; Iraq, 18,000 tons; Algeria, 16,000 tons; Switzerland,

13,000 tons; and the United Kingdom, 12,000 tons. Turkey's main foreign competitors in international markets for tomato paste are Portugal and the United States.

#### Israel

Israel's 1993 production of tomatoes for processing is forecast to reach 250,000 tons, up dramatically from 143,000 tons in 1992. Attractive prices paid to growers were the primary reason for this increase. With the small 1992 crop, processors were able to move their stocks and thus offer larger contracts for 1993. Contract prices are set in U.S. dollar terms and for 1993 are unchanged from the 1992 level; however, with the depreciation of the Israeli shekel, prices received by tomato producers are higher than in 1992.

Reportedly, Israeli tomato processing plants had no carry-in stocks for the beginning of 1993. There is a general world-wide reduction in processing and stocks have declined. There are thus prospects for the country's tomato processing sector to emerge from the crisis of the past years by the year 1994.

Exports of tomato products in 1992 totaled 44,000 tons, valued at \$25 million, down 6 percent in volume and 22 percent in value from the year earlier. Exports are expected to rise in 1993 in view of the increased area under production and the general lack of stocks on the world market. The major export markets for tomato products are the United States and Canada taking mainly whole peeled tomatoes, and France, the United Kingdom and Scandinavian countries taking mostly sauce. Exports of tomato products to the United States and Canada in 1992 accounted for about 57 percent of total shipments.

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(Emanuel McNeil, 202-720-2083)

**U.S. Imports of Canned Tomatoes 1/  
(Metric Tons)**

Country	1989/90	1990/91	1991/92
Italy	14,317	19,003	11,649
Spain	6,043	3,189	1,902
Other EC	21	84	0
Total EC	20,381	22,276	13,551
Argentina	6,017	1,885	1,527
Brazil	474	235	237
Chile	11,202	8,934	13,581
Venezuela	756	287	0
Other	0	90	0
Total S. America	18,449	11,431	15,345
Canada	3,182	644	842
Israel	10,461	17,429	12,361
Taiwan	3,125	1,457	77
Thailand	619	341	111
Turkey	1,096	4,481	1,927
Other Countries	2,016	2,105	1,040
Total	59,329	60,164	45,254

1/ Marketing Year July-June.

Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2002900050, 2002100020, 2002100040, 2002100050, and 2002100090.

**U.S. Imports of Tomato Sauce 1/  
(Metric Tons)**

Country	1989/90	1990/91	1991/92
Italy	2,536	2,098	613
Spain	33	454	0
Other EC	130	9	5
Total EC	2,699	2,561	618
Argentina	248	196	179
Chile	372	215	1,252
Other	204	51	0
Total S. America	824	462	1,431
Canada	22	1,494	638
Dominican Rep.	1,412	1,407	1,205
Jamaica	150	380	132
Mexico	753	690	4
Other Countries	231	177	69
Total	6,091	7,171	4,097

1/ Marketing Year July-June.

Source: U.S. Department of Commerce, Bureau of the Census.

Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2103204020, and 2103204040.



**U.S. Imports of Tomato Paste and Puree 1/  
(Metric Tons)**

Country	1989/90	1990/91	1991/92
Italy	913	772	791
Portugal	2,467	502	148
Spain	1,794	100	132
Other EC	607	15	158
Total EC	5,781	1,389	1,229
Chile	18,492	8,501	8,134
Argentina	3,357	193	87
Canada	842	39	0
Hungary	2,253	1,732	1,592
Mexico	24,664	25,469	10,791
Israel	9,775	4,785	1,948
Turkey	3,940	289	135
Other Countries	5,892	968	382
Total	74,996	43,365	24,298

1/ Marketing Year July-June.

Source: U.S. Department of Commerce, Bureau of the Census.

Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2002900010, 2002900020, 2002900030, and 2002900040.

**U.S. Imports of Ketchup 1/  
(Metric Tons)**

Country	1989/90	1990/91	1991/92
Canada	1	0	53
Netherlands	15	0	0
Venezuela	754	0	0
Chile	0	0	52
United Kingdom	4	6	5
Japan	0	2	0
Indonesia	0	1	12
Philippines	0	2	2
Turkey	2	1	1
Hungary	55	0	0
Other	88	7	0
Total	919	19	125

1/ Marketing Year July-June.

Note: The above statistics include the following HTS (Harmonized Tariff Schedule) commodity codes: 2103220200.

CANNED TOMATOES: PRODUCTION, SUPPLY, AND DISTRIBUTION IN SELECTED COUNTRIES  
Metric Tons Net Weight; Preliminary 1992/93, Forecast 1993/94;  
Includes whole peeled, and/or wedged, diced, crushed, and other non-concentrated products

Marketing Year 1/	Beginning Stocks	Production	Imports	Supply/ Distribution	Exports	Domestic Consumption	Ending Stocks
France							
1991/92	11,257	43,217	87,841	142,315	3,692	128,231	10,392
1992/93	10,392	31,546	99,000	140,938	3,000	130,000	7,938
1993/94	7,938	37,900	98,000	143,838	3,500	132,000	8,338
Greece							
1991/92	4,247	7,899	4,835	16,981	1,790	11,500	3,691
1992/93	3,691	5,462	5,000	14,153	2,800	10,000	1,353
1993/94	1,353	6,400	6,000	13,753	2,500	10,000	1,253
Italy							
1991/92	261,000	1,286,000	1000	1,548,000	403,000	830,000	315,000
1992/93	315,000	1,228,000	1000	1,544,500	480,000	830,000	234,000
1993/94	234,000	1,330,000	0	1,564,000	500,000	830,000	234,000
Spain							
1991/92	32,900	193,000	200	226,100	43,200	164,900	18,000
1992/93	18,000	200,000	200	218,200	45,000	165,200	8,000
1993/94	8,000	225,000	200	233,200	48,000	170,200	15,000
TOTAL							
1991/92	309,404	1,530,116	93,876	1,933,396	451,682	1,134,631	347,083
1992/93	347,083	1,465,008	105,200	1,917,791	530,800	1,135,200	251,291
1993/94	251,291	1,599,300	104,200	1,954,791	554,000	1,142,200	258,591

Source: U.S. Agricultural Attache Reports.

TOMATO PASTE: PRODUCTION, SUPPLY, AND DISTRIBUTION IN SELECTED COUNTRIES  
Metric Tons Net Weight, 28-30 Percent TSS Basis;  
Preliminary 1992/93, Forecast 1993/94

Marketing Year 1/	Beginning Stocks	Production	Imports	Supply/ Distribution	Exports	Domestic Consumption	Ending Stocks
France							
1991/92	8,918	44,352	47,127	100,397	2,879	83,207	14,311
1992/93	14,311	35,266	45,200	94,777	1,400	83,200	10,177
1993/94	10,177	40,000	45,000	95,177	2,000	84,000	9,177
Greece							
1991/92	30,364	194,008	1,653	226,025	163,203	15,000	47,822
1992/93	47,822	155,476	1,000	204,298	175,000	13,000	16,298
1993/94	16,298	170,000	1,000	187,298	165,000	12,000	10,298
Italy							
1991/92	93,000	324,000	50,000	467,000	264,000	77,000	126,000
1992/93	126,000	301,000	60,000	487,000	250,000	76,000	161,000
1993/94	161,000	310,000	25,000	496,000	275,000	75,000	146,000
Portugal							
1991/92	54,540	113,770	0	168,310	101,140	15,000	52,170
1992/93	52,170	84,559	0	136,729	101,629	15,100	20,000
1993/94	20,000	76,473	0	96,473	76,273	15,200	5,000
Spain							
1991/92	33,800	106,600	2,100	142,500	61,700	47,800	33,000
1992/93	33,000	94,700	1,800	129,500	62,000	42,500	25,000
1993/94	25,000	92,900	1,800	119,700	62,000	42,500	15,200
TOTAL EC							
1991/92	220,622	782,730	100,880	1,104,232	592,922	238,007	273,303
1992/93	273,303	671,001	108,000	1,052,304	590,029	229,800	232,475
1993/94	232,475	689,373	72,800	994,648	580,273	228,700	185,675
Turkey							
1991/92	165,000	200,000	0	365,000	170,223	69,777	125,000
1992/93	125,000	230,000	5,367	360,367	156,158	75,209	129,000
1993/94	129,000	180,000	0	309,000	120,000	78,000	111,000
TOTAL							
1991/92	385,622	982,730	100,880	1,469,232	763,145	307,784	398,303
1992/93	398,303	901,001	113,367	1,412,671	746,187	305,009	361,475
1993/94	361,475	869,373	72,800	1,303,648	700,273	306,700	296,675

Source: U.S. Agricultural Attache Reports.

1/ Marketing years are July-June with the exception of France's which is August-July.

## Portugal Liberalizes Intra-Community Trade, Launches New Support Programs

In April of this year, the Portuguese Government lifted the last barriers to imports from the rest of the European Community (EC). This action is three years ahead of schedule for unifying Portuguese horticultural products trade within the EC. To help Portuguese producers adapt to the new competition, many new programs to assist producer organizations have been set up.

Made necessary by the 1993 EC Market Unification, the intra-EC trade liberalization was a very controversial issue in Portugal, which required a difficult 10-month negotiation process over the "just" level of compensation for Portuguese Agriculture. Negotiations were complicated by the atmosphere of increasingly vocal producer insistence that more time, rather than less, be granted before other EC countries be allowed free access to the Portuguese market.

Just before the April liberalization and in the face of growing producer agitation, the Government announced a new "Program for the Reinforcement of Agricultural Marketing and Processing" designed to contribute to the competitiveness of Portuguese products. The 7 point program is intended to support a 220 billion escudos (\$1.5 billion) investment in marketing and processing structures over 1993-97 and help to establish linkages between domestic production and marketing structures, with a particular focus on the horticultural and beef sectors.

In addition, Brussels will be contributing an additional 105.6 billion escudos (approximately \$700 million). The bulk of the compensation negotiated with Brussels will be directed to the grains, dairy, beef, and fruit and vegetable sectors.

This program is essentially comprised of measures supported by EC regulations already in effect. Some of the measures use existing structures, while others are being created, using funding from both Lisbon and Brussels. Much of the effort is concentrated on improving income and liquidity, economies of scale, the quality of Portuguese production, and producer organization in marketing efforts.

Already, a new large-scale holding-type structure is currently being studied with the participation of the National Fruit Cooperatives Federation and a major retail network, while a number of individual "business-centers" are reportedly being prepared. A brief description of its 7 different

measures are given below.

### Program Measures

#### 1. Risk Capital Fund

This program intends to overcome the short-term capital constraints of viable companies with debt problems. This fund will be managed by a special enterprise held by IFADAP (Financial Institute for the Development of Agriculture & Fisheries) and a number of credit institutions. The capital will be 36% funded by the Portuguese Government. This measure was promulgated under EC Reg. 4256/88.

#### 2. Reduced Rate Short-term Credit Line for Agricultural Marketing

This will relieve producer associations' short-term capital shortage through 60-day term credit. It is intended to enable them to pay their members before the final sale of the product. Interest rates will benefit from an 8.76% interest rate subsidy, which will be paid by IFADAP.

#### 3. Creation of a Promotion Fund

This program is aimed at stimulating demand for domestic products. It will involve the creation of a "General Inter-professional Council" with producer and retail representatives, which will define the goals, priorities and terms of eligibility of potential beneficiaries. It was established under EC Reg. 4256/88.

#### 4. Updating the Cooperative Legislation

This aims to: 1) Professionalize cooperative management; 2) enable the creation of commercial enterprises by cooperatives; 3) generalize use of audits as a condition of credit access; and 4) enable full use of risk capital by cooperatives.

#### 5. Re-enforcement of Investment Support Measures

Access to the regular EC processing support, set forth by EC Reg. 866/90.

#### 6. Duplication of Funds to Support Producer Associations

This increased the funding allocation to EC Regs. 1035/72 and 1360/78 already in effect.

#### 7. Agri-food Quality Promotion and Control

This program is aimed at supporting product quality, and the control of veg/fruit grading. Measures are also subsidized through the EC Grading Regulation.

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(Mark Thompson, 202-720-6877)



## Fresh Citrus Situation for Selected Countries

Marketing opportunities for fresh citrus in 1993 will continue to be a challenge for the United States and other exporters. The combined increase in world fresh citrus production and fresh deciduous fruit production in Europe is adversely affecting fresh citrus sales. Prolonged recessions in the principal export markets of the European Community and Japan also offer little strengthening in demand to meet the rise in fresh citrus production. Aggressive market promotion and improved market access may help to meet the challenge to expand consumption, as will opening up new markets, such as Thailand and China.

Citrus production in selected countries in 1992/93 (including Southern Hemisphere crops harvested in 1993) is forecast at a record 55.8 million metric tons, 5 percent above the previous record set in 1991/92. All types of citrus are expected to register increases, with oranges accounting for the bulk of the expansion. Orange production in 1992/93 is forecast at a record 39.5 million tons, a 5 percent increase over the previous record set in 1991/92. The largest gains are expected in the United States, Mexico, and Spain, which combined more than offset an expected sharp decrease in Brazilian production.

Total fresh citrus exports for selected countries in 1992/93 are forecast at 7.3 million tons, 3 percent above 1991/92 shipments but 2 percent below the level of two years ago. The bulk of the increase in citrus production is expected to be processed or consumed domestically. Citrus for processing in selected countries in 1992/93 is forecast at 25.2 million tons, 664,000 tons above the previous season and 3.5 million tons above the level of two years ago. Processing is forecast up sharply as a result of the larger U.S. orange harvest, primarily in the state of Florida. Orange production in Florida is mainly processed for orange juice. U.S. citrus for processing is forecast to increase by 2.3 million tons, which more than offsets a 1.5 million ton decrease in Brazil. Processing is expected to decrease in

Brazil due to an expected smaller Sao Paulo orange crop.

### Long Run Outlook

The long run challenge is to expand consumption of fresh citrus and products in current markets and find new markets. A significant expansion (estimated at nearly 30 percent by trade sources) is expected in world citrus production by the end of the century. The Mediterranean citrus producers group (CLAM - Comité de Liaison de l'Agriculture Méditerranéenne) discussed this subject at its annual conference in Orlando, Florida from May 24-26. Trade sources, for example, forecast U.S. citrus production to expand by 66 percent by the end of the century. Much of the increase is expected to occur in Florida as more trees come into production and reach their peak age for yields. According to FAO (Food and Agricultural Organization of the United Nations), China's production could double by the year 2000. Production increases are also expected for the Mediterranean countries, Brazil and Mexico. Aggressive market promotion and improved market access were among the solutions offered to meet the challenge to expand consumption.

For example, TEA (Targeted Export Assistance program) and MPP (Market Promotion Program)

are major reasons why U.S. grapefruit exports have expanded sharply to Europe in recent years. Through market promotion the United States not only increased its market share but also expanded total exports to Europe. Many new grapefruit consumers were brought into the market and European per capita consumption of grapefruit increased. Heavy television and in-store advertising was done to promote grapefruit. Emphasis was on educating the consumer to quality. The positive points of grapefruit were emphasized such as juiciness, sweetness and the pink/reddish color (which implied newness).

The outlook for improved market opportunities for horticultural products in the future also rests on expanded access through reduction of trade-distorting policies. The U.S. government has spent much effort on gaining and maintaining access to markets. For example, U.S. orange and orange juice exports to Japan are expected to increase as a result of the U.S.-Japan Beef/Citrus Agreement whereby Japan liberalized its orange market on April 1, 1991 and the orange juice market on April 1, 1992.

Other countries where there is considerable potential to expand citrus and product exports, if market barriers can be reduced, include Thailand, China, and Korea.

### ***Southern Hemisphere Citrus Outlook***

Southern Hemisphere citrus production for 1993 (corresponds to 1992/93 in the tables in the statistical section) is forecast at 18.0 million metric tons, down 9 percent from last season's harvest. Brazil accounts for the decrease, mainly in orange production. Fresh citrus exports by selected Southern Hemisphere countries in 1993 are estimated at 1.0 million tons, 6 percent above the previous season's shipments. Export increases are forecast for all types of citrus, except for the "other citrus" category, which mainly includes limes. The largest gain is expected for oranges, which account for almost 70 percent of total Southern Hemisphere citrus exports. South Africa accounts for most of the export increase.

### **Brazil**

Brazilian citrus production in 1993 is forecast at 14.4 million metric tons (MT), down 12 percent from the revised record 1992 harvest. Orange production is expected to drop 11 percent from last year's record crop, to 13.3 million tons. Sao Paulo orange production is forecast at 11.5 million tons (282 million 40.8 kilo boxes), an 11 percent decrease from 1992. This drop in orange production is attributed to the trees' entering a rest phase following the record output of 1992. Also, producers have decreased fertilizer and pesticide applications in response to low frozen concentrate orange juice (FCOJ) prices.

Brazilian commercial orange production is located predominantly in the state of Sao Paulo which accounts for over 80 percent of the national output. The Sao paulo market is dominated by the juice processing industry, while orange production in areas outside of Sao Paulo moves mostly to the fresh market. For more information on Sao Paulo orange crop and orange juice situation see citrus 'updates' on page 8. Fewer oranges are expected to be processed in Brazil in 1993 based on the expected smaller orange crop. The amount of oranges processed in 1992, however, was much higher than earlier expected due to the larger orange harvest.

### **Argentina**

Argentina 1993 citrus production is forecast at 1.62 million tons, up 4 percent from the 1992 crop. Favorable weather and cultural practices are credited for the increase. Although crop quality is expected to be somewhat lower this season due to mixed sizes, larger crops of all types of citrus fruits are anticipated. Oranges (about 40 percent) and lemons (about 35 percent) account for most of the citrus produced in Argentina.

Most of Argentina's citrus is processed or consumed fresh by the domestic market. Only about 15 percent of total citrus production, mainly oranges and lemons, is exported. Total citrus exports in 1993 are forecast at 235,000 tons, up slightly from 1992 shipments. The

Netherlands is Argentina's principal citrus export market, followed by France and the United Kingdom. In 1992, the Netherlands accounted for 59 percent of total Argentine orange exports, France 18 percent and the United Kingdom 13 percent. In 1992, France and the Netherlands each respectively accounted for 39 and 37 percent of total Argentine lemon shipments. Argentina also shipped 6,403 tons of lemons to Russia.

### **South Africa**

South Africa's total citrus production in 1993 is forecast at a record 921,000 tons, mostly as the result of an expected record orange harvest (730,000 tons), following favorable weather conditions in late 1992. Oranges are the major citrus produced in South Africa, accounting for almost 80 percent of total citrus production.

South Africa's citrus exports in 1993 are forecast at a record 512,000 tons, up 13 percent from 1992 shipments. The South African citrus industry is oriented toward the export market. About 60 percent of the oranges, 48 percent of the lemons, and more than 50 percent of the grapefruit produced is exported annually. While the traditional export market for South Africa's citrus is the European Community (EC), shipments are also increasing to Eastern Europe, the Middle East and Pacific Rim countries.

### **Australia**

Total Australian citrus production in 1993 is forecast at 664,000 tons, 6 percent lower than the 1991/92 harvest. Orange production is forecast at 553,000 tons, 7 percent less than last season's crop, due to an estimated reduction in yields and tree numbers. The production decline is primarily due to a reduction in orange tree numbers as removals of Valencia trees have exceeded plantings of other more desirable varieties.

Plantings of orange varieties are changing due to their relative market prospects. Valencia plantings have plateaued due to this variety's reliance on the less profitable processing sector.

Navel plantings are increasing, which will lead to decreasing reliance on the processing sector and increased deliveries to the fresh and export markets. Processing currently accounts for over 50 percent of orange utilization in Australia. Valencias currently account for about 66 percent of Australia's total orange production.

Exports of Australian citrus in 1993 are forecast to decrease 8 percent to 85,000 tons due the expected smaller orange crop. Fresh orange exports increased by 40 percent in 1991 and 58 percent in 1992. In 1991 and 1992 exports to Singapore, Malaysia, Hong Kong and Japan increased sharply. Reduced U.S. supplies for export in 1991, due to a freeze in late 1990, created an opportunity for Australia to expand orange exports to Asia. Australian exports have also been aided by increased export promotion. The Australian Horticultural Corporation (AHC) was developed to promote and coordinate the marketing of the Australian horticultural industry. AHC has been attempting to increase consumption of citrus in both the domestic and export markets. The AHC has promoted Australian citrus in the United Kingdom, Singapore, Malaysia, Hong Kong and New Zealand. The first commercial exports of Australian navel oranges to the United States began in June/July, 1992.

### ***Revised Northern Hemisphere Situation***

Northern Hemisphere citrus production for 1992/93 is estimated at 37.8 million tons, compared with 37.1 million estimated in January (see January issue of [Horticultural Product Review](#)), and 14 percent more than the 1992/93 harvest. The most significant changes since January were upward revisions in the Spanish, U.S., Mexican and Greek citrus harvests.

Northern Hemisphere citrus exports for 1992/93 are forecast at 6.27 million metric tons, 2 percent below the January forecast but 3 percent above last season's shipments. Morocco and Israel account for the lower export forecast. Smaller average fruit size and weaker demand from Europe are the primary reasons for expected lower Moroccan shipments. Israeli citrus exports have been reduced since January



due to a downward revision in the citrus harvest.

## Spain

Spain's 1992/93 citrus crop is estimated at a record 5.1 million metric tons, 4 percent above the January forecast and 11 percent above the 1991/92 crop. Adverse weather conditions in late 1992 and early 1993 did not affect citrus crops as earlier anticipated. Orange, lemon, and grapefruit crops have been revised upward, while tangerine production has been revised slightly down. Moreover, the larger citrus crop comes on top of a large deciduous fruit crop and has caused citrus prices to fall significantly below the break-even point for some varieties. Farmers are even leaving their trees unpicked in some producing areas since harvesting costs are higher than the price they receive for the product.

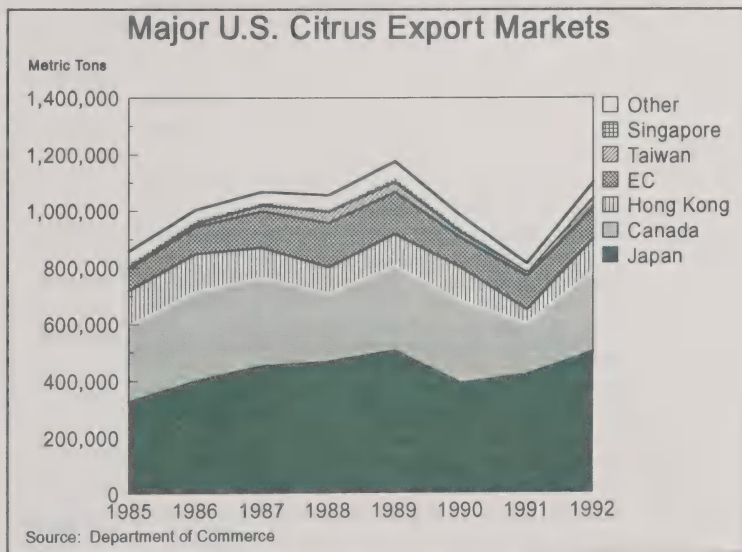
Since January the fresh consumption estimate was increased and citrus utilized for processing (primarily oranges) reduced, because some of the oranges may not be harvested as indicated above. Also less oranges are expected to be processed because of low orange juice prices.

In view of the difficult situation faced by the citrus sector, representatives from the Spanish Ministry of Agriculture, the Valencia, Murcia, and Andalusia Autonomous Governments, and citrus organizations agreed last January to make available a line of credit totaling approximately 6,000 million pesetas (approximately 51 million dollars) for processing 300,000 tons of oranges into juice. Although the line of credit was well received, it is expected to provide very limited relief.

## United States

Total citrus production for 1992/93 is forecast at 13.9 million tons, up 23 percent from 1991/92, and potentially the largest citrus harvest since the 1979/80 season. The orange harvest is estimated at 10.2 million tons, up 24 percent from last season's output, and also the highest since 1979/80. Florida's orange production is forecast at 7.7 million tons, 32 percent above the previous season. California's orange output is forecast at 2.4 million tons compared with 2.3 million tons produced the previous season. Total U.S. grapefruit production in 1992/93 is forecast at 2.5 million tons, 25 percent above 1991/92 season's harvest. Lemon production is forecast to increase 18 percent, while tangerines are anticipated to remain at last season's level.

U.S. total citrus exports in 1992/93 are forecast at 1.1 million tons, unchanged from January, up 2 percent from last season, and 36 percent above the freeze reduced 1990/91 season. Of last season's total shipments, 45 percent were sweet oranges, 41 percent grapefruit and 12 percent lemons. Asia was the main destination for U.S. citrus, accounting for about 62 percent of the total, followed by Canada with 26 percent and Europe with 11 percent. The value of these



exports exceeded \$600 million.

Three countries dominated the export market for sweet oranges, with Canada, Japan and Hong Kong taking 87 percent of the 1991/92 shipments. During the first six months of the 1992/93 season exports were up 16 percent, as substantial gains in Hong Kong and Canada more than offset a 26 percent drop in shipments to Japan, where the slowed economy has impacted U.S. orange sales.

Exports of grapefruit to Japan accounted for 55 percent of 1991/92 shipments; when combined with Canada and France, these three countries received 88 percent of total U.S. shipments. For the first eight months of the 1992/93 season, exports were off 12 percent due to the late start to the Florida season, oversupply of other fresh fruits, and unfavorable economic conditions in several countries. An increase in late season shipments from Florida is expected to make up most of the deficit by the end of the season.

Exports of lemons to Japan accounted for 73 percent of 1991/92 exports; when combined with Canada, these two countries account for 89 percent of total U.S. exports. During the first nine months of the 1992/93 season, shipments were running 7 percent above the previous year, as a slight decline in shipments to Japan was more than offset by increases to several other countries.

#### Mexico

Citrus production for 1992/93 is forecast at a record 4.1 million tons, 6 percent above the January forecast and 33 percent above last season's weather reduced harvest. Orange production is forecast at a record 3.1 million tons, 250,000 tons above the previous forecast and 48 percent above the 1991/92 level. This large increase is due to favorable weather during the May/June flowering period, further recovery from the December 1989 freeze, and an increase in bearing tree numbers.

Domestic consumption of oranges is expected to increase substantially in 1992/93 due to the larger supply and extremely attractive consumer

prices. However, due to the low prices, growers estimate that up to 20 percent of the crop could remain on the trees unless market prices increase. Processing plants are not buying oranges even at the current low prices, due to a very low international price for frozen concentrated orange juice (FCOJ), making the situation worse for Mexican growers. Less oranges are expected to be processed in 1992/93 than earlier forecast.

#### Greece

Greek citrus production in 1992/93 has been revised upward to 1.2 million MT, as the result of exceptionally favorable weather in the spring of 1992. Orange production is now estimated at 950,000 tons, up 16 percent from the 1991/92 output. Tangerine production is forecast to reach a record 78,000 tons, 7 percent over 1991/92. Lemon production has been revised upward at 115,000 tons, 24 percent above the previous estimate, but down 4 percent from the 1991/92 harvest. Citrus exports in 1992/93 are forecast at 400,000 tons compared with the January forecast of 338,000 tons based on the larger production forecast.

#### Morocco

Citrus exports in 1992/93 are forecast at 508,000 tons, about 100,000 tons below the January forecast. Weaker demand from Europe and a smaller average fruit size, are the primary reasons for the expected lower citrus exports. Citrus for processing is also forecast down from January due to relatively unattractive prices offered by the only citrus processor in Morocco.

#### Israel

The citrus export and citrus for processing forecasts have been reduced since January as citrus production was lower than earlier expected.

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(For analysis information, contact Samuel Rosa, 202-720-9792; for marketing information, contact Robert Tisch, 202-720-0898)

TABLE 1  
TOTAL FRESH CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	354	0	220	95	39
1991/92	350	0	214	88	36
1992/93	336	0	205	93	36
Egypt					
1990/91	2,208	0	211	14	1,983
1991/92	2,350	0	124	13	2,213
1992/93	2,391	0	177	16	2,198
Gaza					
1990/91	134	0	119	0	15
1991/92	104	0	95	0	9
1992/93	104	0	95	0	9
Greece					
1990/91	1,013	2	345	197	473
1991/92	1,024	2	312	195	523
1992/93	1,155	2	400	193	564
Israel					
1990/91	1,119	61	343	697	140
1991/92	1,042	49	332	579	180
1992/93	940	40	257	550	173
Italy					
1990/91	2,814	55	231	719	1,919
1991/92	3,411	48	179	1,219	2,061
1992/93	3,674	45	166	1,225	2,328
Morocco					
1990/91	1,468	0	689	134	645
1991/92	1,090	0	506	45	539
1992/93	1,350	0	508	67	775
Spain					
1990/91	4,827	1	2,574	539	1,715
1991/92	4,571	0	2,478	647	1,446
1992/93	5,081	0	2,612	499	1,970
Turkey					
1990/91	1,474	2	321	149	1,006
1991/92	1,695	7	421	172	1,109
1992/93	1,594	5	362	162	1,075
Subtotal Mediterranean Basin					
1990/91	15,411	121	5,053	2,544	7,935
1991/92	15,637	110	4,661	2,968	8,118
1992/93	16,625	92	4,782	2,805	9,130
<b>Other Northern Hemisphere</b>					
Cuba					
1990/91	1,013	0	473	200	340
1991/92	1,013	0	233	245	535
1992/93	965	0	233	220	512
Japan					
1990/91	2,215	426	13	381	2,247
1991/92	2,067	521	13	325	2,250
1992/93	2,182	538	15	316	2,389
Mexico					
1990/91	3,275	3	111	576	2,591
1991/92	3,094	3	93	338	2,666
1992/93	4,108	3	99	341	3,671
United States					
1990/91	10,238	156	837	7,377	2,180
1991/92	11,295	136	1,111	7,410	2,910
1992/93	13,916	125	1,138	9,696	3,207
Subtotal Other Northern Hemisphere					
1990/91	16,741	585	1,434	8,534	7,358
1991/92	17,469	660	1,450	8,318	8,361
1992/93	21,171	666	1,485	10,573	9,779
<b>Total Northern Hemisphere</b>					
1990/91	32,152	706	6,487	11,078	15,293
1991/92	33,106	770	6,111	11,286	16,479
1992/93	37,796	758	6,267	13,378	18,909
<b>Southern Hemisphere</b>					
Argentina					
1990/91	1,510	0	242	688	580
1991/92	1,560	3	230	693	640
1992/93F	1,620	2	235	750	637
Australia					
1990/91	592	5	77	335	185
1991/92	704	8	92	385	235
1992/93F	664	8	85	366	221
Brazil					
1990/91	13,600	0	138	9,255	4,207
1991/92	16,352	0	138	11,826	4,428
1992/93F	14,388	0	98	10,356	3,934
Chile					
1990/91	190	0	6	0	184
1991/92	187	0	6	0	181
1992/93F	187	0	6	0	181
South Africa 3/					
1990/91	842	0	445	235	162
1991/92	858	0	452	239	167
1992/93F	921	0	512	243	166
Uruguay					
1990/91	227	0	79	37	111
1991/92	259	0	87	45	127
1992/93F	259	0	87	45	127
<b>Total Southern Hemisphere</b>					
1990/91	16,961	5	987	10,550	5,429
1991/92	19,920	11	965	13,188	5,778
1992/93F	18,039	10	1,023	11,760	5,266
<b>Grand Total</b>					
1990/91	49,113	711	7,474	21,628	20,722
1991/92	53,026	781	7,076	24,474	22,257
1992/93F	55,835	768	7,290	25,138	24,175

See footnotes on page 33

Horticultural & Tropical Products Division, FAS/USDA  
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TABLE 2  
FRESH SWEET ORANGES: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	169	0	105	47	17
1991/92	168	0	94	54	20
1992/93	170	0	95	55	20
Egypt					
1990/91	1,574	0	200	9	1,365
1991/92	1,670	0	110	8	1,552
1992/93	1,690	0	160	10	1,520
Gaza 4/					
1990/91	114	0	101	0	13
1991/92	87	0	81	0	6
1992/93	87	0	81	0	6
Greece					
1990/91	819	0	303	168	348
1991/92	820	2	270	172	380
1992/93	950	0	340	170	440
Israel					
1990/91	567	49	190	376	50
1991/92	513	38	169	312	70
1992/93	430	31	111	280	70
Italy					
1990/91	1,760	0	162	470	1,128
1991/92	2,096	0	133	900	1,063
1992/93	2,250	0	120	900	1,230
Morocco					
1990/91	1,103	0	553	109	441
1991/92	780	0	340	43	397
1992/93	951	0	350	64	537
Spain					
1990/91	2,590	0	1,154	210	1,226
1991/92	2,638	0	1,237	342	1,059
1992/93	2,858	0	1,300	275	1,283
Turkey					
1990/91	735	1	58	74	604
1991/92	830	7	61	83	693
1992/93	800	5	60	80	665
Subtotal Mediterranean Basin					
1990/91	9,431	50	2,826	1,463	5,192
1991/92	4,602	47	2,495	1,914	240
1992/93	10,186	36	2,617	1,834	5,771
<b>Other Northern Hemisphere</b>					
Cuba					
1990/91	600	0	275	150	175
1991/92	600	0	130	175	295
1992/93	570	0	130	160	280
Japan					
1990/91	50	85	0	2	133
1991/92	37	170	0	2	205
1992/93	41	180	0	2	219
Mexico					
1990/91	2,300	1	25	390	1,886
1991/92	2,100	1	10	150	1,941
1992/93	3,100	1	5	150	2,946
United States 5/ 6/					
1990/91	7,222	62	233	6,082	969
1991/92	8,176	16	495	6,154	1,543
1992/93	10,170	7	535	8,000	1,642
Subtotal Other Northern Hemisphere					
1990/91	10,172	148	533	6,624	3,163
1991/92	10,913	187	635	6,481	3,984
1992/93	13,881	188	670	8,312	5,987
<b>Total Northern Hemisphere</b>					
1990/91	19,603	198	3,359	8,087	8,355
1991/92	20,515	234	3,130	8,395	9,224
1992/93	24,067	224	3,287	10,146	10,858
<b>Southern Hemisphere</b>					
Argentina					
1990/91	600	0	93	190	317
1991/92	640	0	73	200	367
1992/93F	650	0	75	220	355
Australia					
1990/91	485	4	71	295	123
1991/92	595	5	83	344	173
1992/93F	553	5	75	326	157
Brazil					
1990/91	12,362	0	123	9,017	3,222
1991/92	14,974	0	82	11,588	3,304
1992/93F	13,300	0	82	10,118	3,100
Chile					
1990/91	118	0	1	0	117
1991/92	117	0	1	0	116
1992/93F	117	0	1	0	116
South Africa 3/ 7/					
1990/91	648	0	344	158	146
1991/92	680	0	352	175	153
1992/93F	730	0	405	175	150
Uruguay					
1990/91	122	0	46	21	55
1991/92	130	0	50	23	57
1992/93F	130	0	50	23	57
Total Southern Hemisphere					
1990/91	14,335	4	678	9,681	3,980
1991/92	17,136	5	641	12,330	4,170
1992/93F	15,480	5	688	10,862	3,935
<b>Grand Total</b>					
1990/91	33,938	202	4,037	17,768	12,335
1991/92	37,651	239	3,771	20,725	13,394
1992/93F	39,547	229	3,975	21,008	14,793

See footnotes on page 33

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TABLE 3  
TANGERINES: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	15	0	4	2	9
1991/92	11	0	5	1	5
1992/93	11	0	5	1	5
Egypt					
1990/91	220	0	■	2	212
1991/92	245	0	■	2	235
1992/93	260	0	10	3	247
Gaza 4/					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93	0	0	0	0	0
Greece					
1990/91	74	0	17	1	56
1991/92	73	0	11	2	60
1992/93	78	0	16	2	60
Israel					
1990/91	122	0	24	47	51
1991/92	127	0	29	37	61
1992/93	99	0	29	10	60
Italy					
1990/91	386	6	7	35	350
1991/92	470	5	13	90	372
1992/93	550	■	15	90	449
Morocco 8/					
1990/91	311	0	132	18	161
1991/92	280	0	166	0	114
1992/93	366	0	155	1	210
Spain					
1990/91	1,575	0	1,054	175	346
1991/92	1,340	0	905	202	233
1992/93	1,495	0	950	120	425
Turkey					
1990/91	345	0	105	35	205
1991/92	390	0	146	39	205
1992/93	350	0	130	35	185
Subtotal Mediterranean Basin					
1990/91	3,048	6	1,349	315	1,390
1991/92	2,936	5	1,283	373	1,285
1992/93	3,209	4	1,310	262	1,641
<b>Other Northern Hemisphere</b>					
Cuba					
1990/91	15	0	0	0	15
1991/92	15	0	0	0	15
1992/93	15	0	0	0	15
Japan 9/					
1990/91	1,993	0	13	372	1,608
1991/92	1,867	0	13	317	1,537
1992/93	1,986	0	15	310	1,661
Mexico					
1990/91	170	0	15	18	137
1991/92	165	0	12	18	135
1992/93	185	0	12	18	155
United States 6/ 10/					
1990/91	259	21	12	109	159
1991/92	340	19	20	115	224
1992/93	359	19	19	125	234
Subtotal Other Northern Hemisphere					
1990/91	2,437	21	40	499	1,919
1991/92	2,387	19	45	450	1,911
1992/93	2,545	19	46	453	2,065
<b>Total Northern Hemisphere</b>					
1990/91	5,485	27	1,389	814	3,309
1991/92	5,323	24	1,328	823	3,196
1992/93	5,754	23	1,356	715	3,706
<b>Southern Hemisphere</b>					
Argentina					
1990/91	200	0	42	14	144
1991/92	220	0	40	20	160
1992/93F	230	0	42	20	168
Australia					
1990/91	44	0	4	6	34
1991/92	47	0	7	6	34
1992/93F	49	0	7	6	36
Brazil 11/					
1990/91	570	0	7	120	443
1991/92	605	0	7	120	478
1992/93F	260	0	7	120	133
Chile					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
South Africa					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
Uruguay					
1990/91	53	0	14	4	35
1991/92	66	0	16	5	45
1992/93F	66	0	16	5	45
Total Southern Hemisphere					
1990/91	867	0	67	144	656
1991/92	938	0	70	151	717
1992/93F	605	0	72	151	382
<b>Grand Total</b>					
1990/91	6,352	27	1,456	958	3,965
1991/92	6,261	24	1,398	974	3,913
1992/93F	6,359	23	1,428	866	4,088

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Production Estimates and Crop Assessment Division, FAS/USDA

See footnotes on page 33

TABLE #  
LEMONS: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	51	0	32	8	11
1991/92	58	0	37	10	11
1992/93	45	0	30	5	10
Egypt					
1990/91	2	0	0	0	2
1991/92	2	0	0	0	2
1992/93	2	0	0	0	2
Gaza					
1990/91	10	0	8	0	1
1991/92	8	0	7	0	1
1992/93	8	0	7	0	1
Greece					
1990/91	109	2	25	25	61
1991/92	120	4	30	18	76
1992/93	115	2	43	18	78
Israel					
1990/91	36	5	7	21	13
1991/92	36	6	9	15	18
1992/93	21	3	1	10	13
Italy					
1990/91	637	0	60	190	387
1991/92	803	0	32	195	576
1992/93	830	0	30	200	600
Morocco					
1990/91	20	0	1	8	15
1991/92	20	0	0	0	20
1992/93	20	0	1	0	19
Spain					
1990/91	630	0	358	140	132
1991/92	555	0	324	89	142
1992/93	690	0	350	90	250
Turkey					
1990/91	357	0	126	36	195
1991/92	429	0	180	43	206
1992/93	400	0	140	40	220
Subtotal Mediterranean Basin					
1990/91	1,852	7	618	424	817
1991/92	2,031	10	619	370	1,052
1992/93	2,131	5	602	363	1,171
<b>Other Northern Hemisphere</b>					
Cuba					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93	0	0	0	0	0
Japan					
1990/91	2	91	0	0	93
1991/92	2	94	0	0	96
1992/93	2	94	0	0	100
Mexico					
1990/91	5	1	0	5	1
1991/92	5	1	0	5	1
1992/93	5	1	0	5	1
United States					
1990/91	652	12	122	244	298
1991/92	697	9	132	235	339
1992/93F	824	2	135	300	391
Subtotal Other Northern Hemisphere					
1990/91	659	104	122	249	392
1991/92	704	104	132	240	436
1992/93	831	101	135	305	492
<b>Total Northern Hemisphere</b>					
1990/91	2,511	111	740	673	1,209
1991/92	2,735	114	751	610	1,488
1992/93	2,962	106	737	668	1,663
<b>Southern Hemisphere</b>					
Argentina					
1990/91	550	0	66	414	70
1991/92	530	0	71	389	70
1992/93F	560	0	72	417	71
Australia 13/					
1990/91	35	1	2	18	16
1991/92	35	2	1	19	17
1992/93F	31	2	2	16	15
Brazil 14/					
1990/91	53	0	3	50	0
1991/92	53	0	3	50	0
1992/93F	53	0	3	50	0
Chile					
1990/91	72	0	5	0	67
1991/92	70	0	5	0	65
1992/93F	70	0	5	0	65
South Africa					
1990/91	62	0	29	25	8
1991/92	60	0	30	22	8
1992/93F	61	0	30	23	8
Uruguay					
1990/91	42	0	18	10	14
1991/92	52	0	20	15	17
1992/93F	52	0	20	15	17
Total Southern Hemisphere					
1990/91	614	1	123	517	175
1991/92	800	2	130	495	177
1992/93F	827	2	132	521	176
<b>Grand Total</b>					
1990/91	3,325	112	863	1,190	1,384
1991/92	3,535	116	881	1,105	1,665
1992/93F	3,789	108	869	1,189	1,839

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Horticultural & Tropical Products Division, FAS/USDA  
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TABLE 6  
GRAPEFRUIT: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	119	0	79	38	2
1991/92	113	0	78	33	2
1992/93	110	0	75	32	3
Egypt					
1990/91	2	0	0	0	2
1991/92	3	0	0	0	3
1992/93	4	0	0	0	4
Gaza					
1990/91	10	0	0	0	1
1991/92	9	0	7	0	2
1992/93	9	0	7	0	2
Greece					
1990/91	7	0	0	1	5
1991/92	7	0	1	1	5
1992/93	8	0	1	1	5
Israel					
1990/91	371	7	112	246	20
1991/92	345	5	120	210	20
1992/93	370	6	111	245	20
Italy					
1990/91	7	43	2	0	54
1991/92	8	43	1	0	50
1992/93	9	41	1	0	49
Morocco					
1990/91	4	0	0	3	1
1991/92	3	0	0	2	1
1992/93	3	0	0	2	1
Spain					
1990/91	20	0	0	2	10
1991/92	25	0	12	2	11
1992/93	25	0	12	2	11
Turkey					
1990/91	33	1	32	1	1
1991/92	42	0	34	4	4
1992/93	40	0	32	4	4
Subtotal Mediterranean Basin					
1990/91	573	57	242	291	97
1991/92	555	48	253	252	98
1992/93	579	47	239	245	100
<b>Other Northern Hemisphere</b>					
Cuba					
1990/91	332	0	189	50	93
1991/92	332	0	100	70	162
1992/93	315	0	100	60	155
Japan					
1990/91	0	250	0	0	250
1991/92	0	257	0	0	257
1992/93	0	260	0	0	260
Mexico					
1990/91	100	0	1	33	66
1991/92	110	0	1	30	79
1992/93	118	0	2	33	83
United States 6/					
1990/91	2,047	7	465	821	668
1991/92	2,018	11	885	835	635
1992/93	2,523	11	445	1,250	839
Subtotal Other Northern Hemisphere					
1990/91	2,479	257	655	1,004	1,077
1991/92	2,460	268	540	545	1,183
1992/93	2,956	271	547	1,343	1,337
<b>Total Northern Hemisphere</b>					
1990/91	3,052	314	907	1,295	1,174
1991/92	3,015	316	813	1,237	1,281
1992/93	3,534	318	786	1,629	1,437
<b>Southern Hemisphere</b>					
Argentina					
1990/91	160	0	41	70	49
1991/92	170	3	46	64	43
1992/93F	180	2	46	93	43
Australia					
1990/91	23	0	0	16	12
1991/92	27	1	1	16	11
1992/93F	31	1	1	18	13
Brazil					
1990/91	25	0	1	22	2
1991/92	25	0	2	22	1
1992/93F	25	0	2	22	1
Chile					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
South Africa 3/					
1990/91	132	0	72	52	8
1991/92	118	0	70	42	6
1992/93F	130	0	77	45	8
Uruguay					
1990/91	10	0	1	2	7
1991/92	11	0	1	2	8
1992/93F	11	0	1	2	8
Total Southern Hemisphere					
1990/91	355	0	115	162	78
1991/92	351	0	119	166	66
1992/93F	377	0	126	180	71
<b>Grand Total</b>					
1990/91	3,407	314	1,012	1,457	1,252
1991/92	3,366	316	932	1,403	1,347
1992/93F	3,911	318	912	1,809	1,508

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Horticultural & Tropical Products Division, FAS/USDA  
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TABLE #  
OTHER CITRUS: SUPPLY & UTILIZATION, SELECTED COUNTRIES  
(1,000 METRIC TONS)

Country/Year 1/	Production	Imports	Exports	Processed	Consumption 2/
<b>Northern Hemisphere</b>					
<b>Mediterranean Basin</b>					
Cyprus					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93	0	0	0	0	0
Egypt 15/					
1990/91	410	0	5	3	402
1991/92	430	0	6	3	421
1992/93	435	0	7	3	425
Gaza					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93	0	0	0	0	0
Greece 16/					
1990/91	4	0	0	2	2
1991/92	4	0	0	2	2
1992/93	4	0	0	2	2
Israel					
1990/91	23	0	10	7	11
1991/92	21	0	5	5	11
1992/93	20	0	5	5	10
Italy 17/					
1990/91	24	0	0	24	0
1991/92	34	0	0	34	0
1992/93	35	0	0	35	0
Morocco					
1990/91	30	0	3	0	27
1991/92	7	0	0	0	7
1992/93	10	0	2	0	8
Spain 18/					
1990/91	12	1	0	12	1
1991/92	13	0	0	12	1
1992/93	13	0	0	12	1
Turkey 18/					
1990/91	4	0	0	3	1
1991/92	4	0	0	3	1
1992/93	4	0	0	3	1
Subtotal Mediterranean Basin					
1990/91	507	1	18	51	439
1991/92	513	0	11	59	443
1992/93	521	0	14	60	447
<b>Other Northern Hemisphere</b>					
Cuba 15/					
1990/91	65	0	9	0	57
1991/92	66	0	3	0	63
1992/93	65	0	3	0	62
Japan 19/					
1990/91	170	0	0	7	163
1991/92	161	0	0	6	155
1992/93	153	0	0	4	149
Mexico 20/					
1990/91	700	1	70	130	501
1991/92	714	1	70	135	510
1992/93	700	1	80	135	486
United States 20/					
1990/91	58	54	5	21	86
1991/92	64	81	5	21	119
1992/93	40	88	4	21	101
Subtotal Other Northern Hemisphere					
1990/91	994	55	84	158	807
1991/92	1,005	82	78	162	847
1992/93	958	87	87	160	798
<b>Total Northern Hemisphere</b>					
1990/91	1,501	56	102	209	1,246
1991/92	1,518	82	89	221	1,290
1992/93	1,479	87	101	220	1,245
<b>Southern Hemisphere</b>					
Argentina					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
Australia					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
Brazil 21/					
1990/91	590	0	4	46	540
1991/92	695	0	4	46	645
1992/93F	750	0	4	46	700
Chile					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
South Africa					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
Uruguay					
1990/91	0	0	0	0	0
1991/92	0	0	0	0	0
1992/93F	0	0	0	0	0
Total Southern Hemisphere					
1990/91	590	0	4	46	540
1991/92	695	0	4	46	645
1992/93F	750	0	4	46	700
<b>Grand Total</b>					
1990/91	2,091	56	106	255	1,786
1991/92	2,213	82	93	267	1,935
1992/93F	2,229	87	105	266	1,945

See footnotes on page

Horticultural & Tropical Products Division, FAS/USDA  
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--Indicates zero, negligible, or not available.

- 1/ Crop year refers to harvest and marketing period which usually begins in the fall and extends through the spring. This corresponds roughly to October-June in the Northern Hemisphere and April-December in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown. The harvest of lemons and limes usually begins earlier and often extends throughout the year.
- 2/ In Greece, Italy and Spain "consumption" includes fruit withdrawn from the market under the European Community price support program.
- 3/ Includes Swaziland plus very small quantities of citrus from Botswana, Mozambique and Zimbabwe which is marketed through the South African Citrus Board.
- 4/ Tangerine production is small and is included with oranges.
- 5/ Includes temples.
- 6/ U.S. export data adjusted based on import data from Statistics Canada.
- 7/ Includes small quantity of tangerines.
- 8/ Clementines only.
- 9/ Mainly satsumas (also called mandarin or unshu mikan), but also including mandarin hybrids.
- 10/ Includes tangelos, which account for about half of combined tangerine and tangelo production. Export data include mandarins.
- 11/ State of Sao Paulo only, which apparently accounts for over one-half of Brazil's production. About 120,000 tons of tangerines which are processed are included in the orange table.
- 12/ State of Sao Paulo only.
- 13/ Mostly limes but some sour oranges and other varieties.
- 14/ Citrons and sour oranges.
- 15/ Mostly bergamots.
- 16/ Sour oranges.
- 17/ Summer Oranges (Natsu mikan or natsu daidai, a hybrid of mandarin with sour orange or pomelo).
- 18/ Limes.
- 19/ Limes, State of Sao Paulo only, which apparently accounts for roughly 80 percent of Brazil's lime production.

SOURCES: National Agricultural Statistics Service and U.S. Department of Commerce, Bureau of Census for United States. Reports from U.S. Agricultural Counselors and Attaches or USDA estimates for all other countries.



U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
APR 93

COMMODITY AND COUNTRY		QUANTITY				VALUE (1,000 DOLLARS)						
COUNTRY REGION		CURR LAST YR	CURR MO YR	LAST YR	CURR MO YR	CURR LAST YR	CURR MO YR	CURR LAST YR	CURR MO YR	LAST YR	CURR MO YR	LAST YR
<b>FRESH FRUIT</b>												
FR. APPLES (JUL)	MT	4,002	2,028	86,735	21,405	94,324	2,465	1,136	48,715	12,548	53,090	
EC 12		5,869	2,537	84,421	19,607	77,282	2,464	1,068	39,970	78,106	47,309	
TAIWAN		6,020	9,585	58,575	70,517	68,658	4,215	4,544	50,097	47,035	59,195	
MEXICO		8,479	13,870	46,202	70,988	66,861	4,023	6,868	22,579	35,164	32,089	
UNITED KINGDOM		5,902	1,887	38,743	40,956	45,219	1,916	2,105	28,369	23,518	26,217	
HONG KONG		4,141	3,833	150,089	115,384	161,665	2,957	2,612	93,736	74,662	102,474	
OTHER												
Subtotal:-----		34,113	36,750	444,865	429,441	513,989	21,240	19,850	278,986	266,555	320,384	
<b>FR. PEARS (JUL)</b>												
CANADA	MT	1,844	1,648	33,484	32,416	35,734	1,383	1,244	23,261	22,975	24,969	
MEXICO		2,416	2,466	28,582	29,436	31,066	1,169	1,326	14,412	14,701	15,523	
EC 12		214	0	10,570	2,585	10,695	112	0	4,971	2,264	5,023	
SWEDEN		103	32	9,658	2,780	9,733	42	21	3,604	2,657	3,633	
TAIWAN		1,337	942	4,956	6,118	6,884	1,075	521	3,941	4,089	5,473	
OTHER		688	549	19,889	16,484	20,611	416	377	12,562	10,281	13,146	
Subtotal:-----		6,602	5,637	107,148	92,829	114,723	4,158	3,490	62,750	55,966	67,773	
<b>APRICOTS (MAY)</b>												
CANADA	MT	10	6	2,419	3,091	2,419	17	10	3,588	3,508	3,585	
MEXICO		143	14	479	904	479	158	30	1,293	1,394	1,193	
OTHER									615	1,893	1,115	
Subtotal:-----		153	20	4,962	4,992	4,562	175	40	5,494	5,794	5,494	
<b>FR. CHERRIES (MAY)</b>												
JAPAN	MT	58	0	6,583	12,162	6,583	0	0	33,821	61,991	33,821	
CANADA		58	0	2,482	2,607	2,482	101	19	13,090	13,090	13,090	
EC 12		0	60	2,648	3,521	2,648	40	215	9,257	11,520	9,857	
UNITED KINGDOM		0	0	1,960	2,634	1,960	34	0	7,804	8,726	7,204	
HONG KONG		0	0	4,282	4,780	4,282	0	0	28,368	28,368	28,368	
OTHER		0	4	1,458	3,155	1,458	0	18	3,750	7,592	3,750	
Subtotal:-----		58	71	17,483	30,998	17,453	141	252	83,984	104,852	63,998	
<b>PEACH-NECTARIN (MAY)</b>												
CANADA	MT	275	185	48,804	51,461	48,804	266	277	47,428	44,175	47,428	
MEXICO		131	0	18,131	8,975	13,131	0	0	6,419	4,857	6,419	
OTHER		22	98	6,834	9,249	6,834	69	73	5,629	5,629	5,629	
Subtotal:-----		297	283	68,769	69,686	68,769	455	350	59,475	57,110	59,475	
<b>PLUM-PRUNES (MAY)</b>												
TAIWAN	MT	0	0	26,585	21,848	26,585	0	0	21,475	15,071	21,475	
CANADA		88	134	23,384	25,485	23,384	138	178	23,111	20,756	23,111	
HONG KONG		0	0	8,432	8,470	8,432	0	0	6,864	6,609	6,864	
EC 12		0	0	7,701	5,771	7,701	0	0	5,779	4,574	5,779	
MEXICO		0	0	2,007	2,411	2,007	0	0	2,490	1,449	2,490	
UNITED KINGDOM		0	0	4,497	5,154	4,497	0	0	4,708	4,172	4,008	
OTHER		1	1	4,661	5,874	4,661	3	3	3,516	4,696	3,816	
Subtotal:-----		89	135	71,771	67,689	73,771	141	181	63,035	51,855	63,035	
<b>FR. AVOCADOS (OCT)</b>												
CANADA	MT	216	472	1,697	1,329	3,608	274	427	1,741	1,305	4,281	
JAPAN		378	9	1,031	1,031	707	663	0	2,758	1,079	3,334	
EC 12		0	682	124	896	1,059	23	814	255	1,074	1,624	
FRANCE		0	429	43	505	514	0	499	34	534	635	
UNITED KINGDOM		3	220	62	358	418	23	274	153	499	663	
OTHER		0	124	38	129	75	4	163	52	173	121	
Subtotal:-----		605	1,825	2,304	3,384	6,148	1,008	2,067	2,839	3,911	9,380	
<b>FR. KIWI FRUIT (OCT)</b>												
CANADA	MT	351	527	2,491	2,186	3,263	598	623	4,411	2,776	5,752	
JAPAN		836	169	1,317	249	1,488	1,342	327	1,424	1,424	1,142	
TAIWAN		792	1,260	1,305	2,492	1,421	1,914	1,917	2,999	3,969	3,341	
KOREA REPUBLIC		177	142	427	353	503	380	225	842	538	1,040	
MEXICO		18	83	383	281	412	14	54	786	193	378	
OTHER		30	97	375	230	386	56	176	707	438	731	
Subtotal:-----		2,004	2,778	6,297	5,792	7,485	4,304	3,323	12,074	8,337	14,386	
<b>FRESH GRAPES (MAY)</b>												
CANADA	MT	866	1,048	118,849	104,410	118,849	1,403	1,464	122,198	103,958	122,198	
HONG KONG		0	0	19,901	19,431	19,901	48	0	13,996	11,566	19,996	
EC 12		48	0	10,272	8,637	10,272	0	0	13,634	14,851	13,634	
TAIWAN		0	0	10,169	14,944	10,169	0	0	11,545	16,199	11,545	
OTHER		37	28	38,741	39,730	39,741	52	57	48,660	47,549	48,660	
Subtotal:-----		1,051	1,072	198,932	187,152	198,932	1,504	1,520	216,032	204,118	216,032	
<b>FR. STRAWBERRIES (JAN)</b>												
CANADA	MT	9,182	7,951	14,713	13,417	35,539	10,745	11,310	21,144	18,391	50,006	
EC 12		88	0	677	27	136	3	0	2,368	793	1,334	
JAPAN		2	0	11	16	3,578	3	0	32	30	18,357	
UNITED KINGDOM		88	53	224	144	2,499	113	127	713	371	7,040	
OTHER		284	77	537	287	3,309	584	219	1,327	648	4,776	
Subtotal:-----		9,556	8,086	15,935	13,988	46,386	11,587	9,665	24,888	19,833	84,731	
<b>FR. ORNG. INC. TMPL. (NOV)</b>												
CANADA	MT	26,353	33,207	85,435	118,476	170,992	11,950	15,324	44,968	57,534	82,750	
JAPAN		27,330	23,088	28,896	47,969	166,028	14,529	16,615	42,002	23,612	97,364	
HONG KONG		9,059	15,843	22,355	21,787	60,988	5,225	4,346	12,669	12,090	34,116	
OTHER		9,313	8,676									
Subtotal:-----		72,055	80,513	202,539	242,474	499,215	36,933	37,786	117,815	117,858	265,866	
<b>FR. GRAPFRUIT (SEP)</b>												
JAPAN	MT	28,519	40,573	218,470	171,142	253,666	16,060	18,730	123,079	84,946	140,732	
EC 12		5,039	12,689	107,499	105,323	108,281	2,783	7,650	57,747	53,645	58,149	
CANADA		1,550	7,483	54,611	50,810	68,260	3,262	3,350	29,457	26,955	36,962	
FRANCE		0	0	17,912	17,912	13,986	0	0	29,457	26,955	36,962	
NETHERLANDS		2,049	3,038	29,203	26,934	29,395	1,000	1,444	15,620	12,838	15,716	
OTHER		3,116	6,260	21,647	23,756	28,973	1,933	3,023	12,910	11,711	16,683	
Subtotal:-----		42,229	67,405	402,227	355,031	459,181	24,038	32,753	223,194	177,258	252,527	

U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
APR 93

COMMODITY AND COUNTRY		QUANTITY				VALUE (1,000 DOLLARS)					
COUNTRY REGION		CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR
<b>FR TANGERINES (NOV)</b>											
CANADA	MT	1,720	1,060	8,513	7,913	9,558	1,544	933	8,281	6,837	9,232
EC 12		843	109	1,790	593	2,059	312	85	1,407	467	2,264
UNITED KINGDOM		353	77	797	173	1,051	232	60	605	135	1,329
NETHERLANDS		110	32	627	280	627	80	25	515	219	515
OTHER		56		129	119	328	46	16	120	205	765
Subtotal:-----		2,239	1,201	10,432	8,626	11,946	1,902	1,033	9,807	7,509	11,956
<b>CANNED FRUIT</b>											
<b>CND PEACH/NECT (JUN)</b>											
JAPAN	MT	555	406	6,894	4,978	7,593	636	443	7,581	5,443	8,436
TAIWAN		206	159	2,549	2,218	2,702	158	126	2,729	1,877	2,538
CANADA		321	321	2,279	2,487	2,427	402	372	2,763	2,988	2,538
HONG KONG		169	173	1,539	1,289	1,812	95	107	853	711	997
MEXICO		119	77	1,371	1,494	1,561	92	57	1,074	1,212	1,239
OTHER		238	665	3,574	5,054	3,939	211	541	3,328	4,604	3,601
Subtotal:-----		1,608	1,801	18,207	17,520	20,054	1,593	1,646	17,727	16,835	19,477
<b>CND PEARS (JUN)</b>											
EC 12	MT	35	2	2,216	693	2,216	29	3	1,856	868	1,856
FRANCE		0	0	1,801	76	1,801	0	0	1,490	69	1,490
CANADA		93	154	1,178	1,417	1,288	106	180	1,237	1,469	1,353
NETHERLANDS		0	0	649	449	51	57	929	154	929	627
MEXICO		0	0	357	318	381	0	0	298	308	309
SWEDEN		32	2	291	137	291	26	3	197	114	197
OTHER		59	63	662	689	737	42	54	569	591	622
Subtotal:-----		291	261	5,543	3,702	5,758	253	266	5,086	3,849	5,274
<b>CND PNEAPL (JAN)</b>											
JAPAN	MT	215	61	858	335	2,742	214	63	795	334	2,237
CANADA		230	123	718	518	2,099	220	89	715	488	1,813
MEXICO		19	78	198	188	618	64	64	183	154	327
EC 12		92	0	214	127	488	81	0	179	119	447
OTHER		6	11	55	130	410	5	7	48	116	362
Subtotal:-----		563	273	2,114	1,299	6,357	534	223	1,900	1,212	5,386
<b>FRT MIXTURES (JUN)</b>											
CANADA	MT	615	0	7,168	3,583	7,770	879	0	9,270	4,912	10,118
JAPAN		578	0	5,763	2,031	6,398	739	0	6,892	2,336	7,624
HONG KONG		123	0	3,333	326	3,593	3	0	1,237	154	929
PHILIPPINES		26	0	2,154	2,872	2,164	35	0	2,236	1,969	2,553
SINGAPORE		55	0	1,942	1,942	2,089	62	0	1,754	1,978	1,849
OTHER		727	0	8,031	9,381	9,066	599	0	8,509	8,556	9,481
Subtotal:-----		2,124	0	28,424	22,136	31,080	2,352	0	31,088	22,383	33,998
<b>DRIED FRUIT</b>											
<b>DRD RAISINS (AUG)</b>											
EC 12	MT	3,135	3,727	40,428	42,822	55,776	4,184	5,403	55,530	56,687	76,690
UNITED KINGDOM		1,773	1,711	18,280	18,751	28,578	2,259	2,536	25,818	25,008	38,693
JAPAN		1,793	1,459	17,444	16,921	24,999	2,240	2,038	22,615	22,254	32,391
GERMANY		550	834	10,122	10,323	13,562	795	1,116	11,823	13,091	16,043
CANADA		649	659	8,360	8,284	10,581	1,372	1,344	18,081	17,316	22,760
SWEDEN		532	448	5,901	5,432	7,166	609	771	7,237	6,512	8,859
OTHER		1,505	1,317	22,860	23,847	28,154	1,908	2,022	30,207	33,259	37,311
Subtotal:-----		7,614	7,609	94,992	97,306	126,675	10,314	11,578	133,670	136,028	178,011
<b>DRD PRUNES (AUG)</b>											
EC 12	MT	3,796	4,874	42,400	40,603	51,388	5,257	6,071	56,323	56,238	69,278
GERMANY		1,198	2,232	13,566	14,475	16,539	1,385	2,562	15,522	17,462	20,228
JAPAN		1,301	1,357	11,741	11,733	17,292	1,410	1,557	17,225	19,075	24,382
ITALY		1,239	1,041	12,284	10,170	14,014	1,987	1,557	19,042	17,234	22,122
UNITED KINGDOM		269	555	4,739	6,112	6,871	376	615	6,081	7,378	8,550
NETHERLANDS		609	632	4,545	3,586	5,860	679	758	27,859	5,099	7,304
OTHER		1,548	1,923	19,588	20,066	24,433	2,855	2,855	31,087	31,087	34,874
Subtotal:-----		6,446	8,053	73,109	72,441	91,319	10,053	11,218	101,157	106,896	128,534
<b>FRUIT JUICES (SSE)</b>											
<b>ORANGE JU CNC (DEC)</b>											
CANADA	KL	13,088	10,920	48,716	41,015	134,664	5,752	4,891	21,534	18,293	59,896
EC 12		2,768	11,818	15,705	26,586	59,747	1,206	5,315	6,278	10,889	22,463
JAPAN		4,906	4,889	12,384	11,592	58,911	3,887	1,814	7,325	4,555	27,359
FRANCE		1,282	6,529	8,150	14,913	28,821	557	2,878	3,084	6,163	10,487
KOREA		1,446	4,186	7,603	7,305	20,070	715	1,647	4,003	3,007	10,223
OTHER		3,213	6,381	16,013	17,632	58,858	1,538	2,221	6,801	6,448	24,095
Subtotal:-----		25,421	38,193	100,421	104,130	332,249	13,098	15,889	45,941	43,191	144,036
<b>ORNG JU NTCNC (DEC)</b>											
EC 12	KL	2,581	877	9,527	5,644	32,366	1,765	522	6,446	3,979	23,181
CANADA		1,967	4,549	5,083	13,731	25,104	2,656	3,278	6,865	10,914	26,893
FRANCE		1,967	557	7,516	3,992	22,387	1,404	315	5,152	2,928	16,005
UNITED KINGDOM		531	249	1,767	1,252	10,136	290	144	1,336	643	7,437
JAPAN		346	482	1,662	4,571	4,571	293	315	1,232	804	3,516
OTHER		951	1,277	3,866	5,005	13,320	727	1,042	2,953	4,287	10,540
Subtotal:-----		5,845	7,185	20,138	25,632	75,361	5,441	5,157	17,496	19,984	64,130
<b>GRPFRT JU CNC (DEC)</b>											
JAPAN	KL	3,290	2,418	10,152	8,814	30,946	2,352	1,624	7,177	6,123	21,895
EC 12		746	2,134	4,333	4,856	15,201	434	953	1,870	1,952	6,701
CANADA		519	3,013	2,573	10,713	10,713	251	732	2,759	2,759	6,443
NETHERLANDS		348	864	1,884	1,881	6,605	251	434	667	2,337	2,337
UNITED KINGDOM		184	146	925	1,789	4,866	91	54	401	501	2,044
OTHER		107	257	728	604	1,982	57	124	361	328	1,118
Subtotal:-----		4,722	5,575	18,226	16,848	58,902	3,259	3,253	11,577	10,255	37,471
<b>FRESH VEGETABLES</b>											
<b>FR ASPARGUS (OCT)</b>											
CANADA	MT	1,360	1,110	2,638	2,349	9,031	2,616	2,255	5,958	5,593	18,496
JAPAN		1,067	2,489	3,173	3,592	5,964	8,206	9,084	13,103	13,366	23,685
SWITZERLAND		1,002	926	1,257	1,118	2,036	2,954	2,468	3,880	3,045	6,022
EC 12		662	781	1,136	1,132	1,889	1,860	2,256	3,519	3,350	5,670
OTHER		15	16	54	43	199	46	61	149	159	710
Subtotal:-----		5,104	5,322	8,258	8,234	19,119	15,683	16,125	26,604	25,513	54,583

U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
APR 93

COMMODITY AND COUNTRY		QUANTITY					VALUE (1,000 DOLLARS)				
COUNTRY REGION		CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR
FR ONIONS(OCT)	MT										
CANADA		6,974	8,270	44,728	46,298	100,916	3,633	3,468	17,023	19,660	40,009
MEXICO		188	429	8,954	17,405	20,848	48	212	7,716	5,592	6,095
JAPAN		0	10	20,509	2,120	20,707	0	11	4,334	513	4,428
OTHER		87	132	10,144	8,333	14,187	112	130	3,558	4,738	5,231
Subtotal:-----		7,250	8,841	84,334	74,155	156,658	3,793	3,822	27,631	30,503	55,764
CANNED VEGETABLES											
CND SWT CORN(AUG)	MT										
JAPAN		2,180	3,451	28,572	36,421	39,208	1,920	2,896	22,629	29,265	30,765
EC 12		4,667	5,211	24,793	40,589	38,954	3,775	3,608	19,621	29,226	30,488
TAIWAN		1,491	2,348	11,374	14,659	15,393	1,408	1,964	10,933	12,893	14,945
UNITED KINGDOM		1,832	2,293	8,543	16,594	14,181	1,418	1,589	6,336	11,682	10,532
GERMANY		1,270	1,381	7,484	13,520	11,665	986	947	6,163	9,808	9,295
HONG KONG		1,413	2,013	10,329	12,816	11,626	266	877	5,145	6,270	6,169
OTHER		2,013	3,483	18,619	23,632	25,911	1,713	2,698	15,424	18,325	21,015
Subtotal:-----		10,764	16,506	93,687	128,116	131,092	8,983	12,043	73,753	95,779	103,382
CND TOM PAS(JUL)	MT										
CANADA		2,583	2,755	27,386	39,031	32,427	2,203	2,374	25,853	32,112	30,145
JAPAN		1,681	450	8,515	3,260	9,560	1,471	330	7,424	2,424	8,304
MEXICO		2,170	91	3,985	1,619	7,071	1,323	62	2,558	1,440	4,381
KOREA, REPUBLIC		467	91	2,311	4,507	3,427	270	1,993	1,993	7,782	6,870
OTHER		269	1,098	5,286	8,757	7,374	224	873	4,617	6,764	6,181
Subtotal:-----		7,151	4,728	47,483	57,175	59,859	5,585	3,909	42,445	46,303	51,988
CND TOM SAUCE(JUL)	MT										
CANADA		3,409	3,875	32,588	37,785	37,736	3,516	3,639	32,443	37,481	37,670
JAPAN		844	449	4,752	4,739	6,781	560	409	3,787	4,245	5,651
MEXICO		627	413	3,203	4,580	4,112	407	292	2,124	2,981	2,677
OTHER		623	1,197	7,371	9,949	8,464	677	1,096	6,893	10,044	8,157
Subtotal:-----		5,502	5,933	47,914	57,053	57,093	5,160	5,435	45,247	54,752	54,156
FMZN VEGETABLES											
FZN SWT CORN(JUL)	MT										
JAPAN		2,558	2,911	28,418	29,134	34,119	2,109	2,407	24,499	25,158	29,160
EC 12		649	225	7,298	2,311	5,173	345	173	2,896	1,654	3,250
UNITED KINGDOM		370	193	5,357	1,284	5,603	176	146	1,821	879	2,001
AUSTRALIA		236	316	1,311	4,837	3,611	380	214	2,951	1,648	3,661
MEXICO		232	297	2,877	1,501	3,487	167	170	1,951	1,951	2,670
OTHER		885	915	9,131	10,991	10,948	654	789	7,244	8,507	8,840
Subtotal:-----		4,881	4,663	51,054	50,108	60,058	3,637	3,751	39,270	40,763	46,665
FZN F FRY(JUL)	MT										
JAPAN		9,230	10,491	101,157	102,283	120,973	6,401	7,438	72,175	71,056	85,814
KOREA, REPUBLIC		1,423	1,518	12,031	11,119	10,519	953	810	8,109	8,540	9,727
HONG KONG		779	1,036	7,846	9,191	9,702	639	627	4,999	5,744	6,142
OTHER		3,083	4,170	31,888	44,723	40,196	2,199	3,067	24,245	33,325	30,191
Subtotal:-----		14,515	17,215	152,923	167,317	185,390	9,992	12,220	109,527	118,665	131,874
TREE NUTS											
ALMONDS UNSH(JUL)	MT										
INDIA		342	346	3,351	8,382	4,129	396	872	4,070	12,877	5,088
JAPAN		305	231	3,108	3,418	3,995	935	560	9,234	10,055	11,830
EC 12		16	64	933	1,088	1,038	39	130	1,799	1,752	1,906
GERMANY		0	0	665	1,957	1,747	32	0	1,962	1,851	0
OTHER		61	180	1,922	1,989	1,989	115	663	4,394	4,448	4,528
Subtotal:-----		737	821	9,978	15,171	11,898	1,518	2,226	21,149	30,046	25,203
ALMOND SH/PREP(JUL)	MT										
EC 12		3,231	6,135	97,940	86,079	106,617	10,971	22,395	308,729	281,880	336,151
GERMANY		846	2,457	41,584	43,282	44,805	2,812	9,032	126,769	136,792	136,345
JAPAN		1,511	1,508	15,747	17,422	18,202	5,367	5,868	54,350	64,564	63,391
NETHERLANDS		567	613	11,501	10,927	12,751	2,100	2,228	39,636	39,440	43,937
FRANCE		204	1,286	10,622	8,705	11,888	676	1,086	29,736	29,736	32,666
UNITED KINGDOM		499	1,000	9,050	11,259	10,930	1,755	3,463	29,664	36,296	35,984
OTHER		4,537	3,404	47,318	46,420	52,392	15,654	12,173	154,444	150,587	171,939
Subtotal:-----		9,280	11,048	161,005	149,920	177,211	31,992	40,436	517,523	497,031	571,481
WALNUTS SH(AUG)	MT										
EC 12		159	22	6,361	8,112	7,269	594	134	17,295	20,488	20,190
JAPAN		228	206	2,311	2,564	3,092	787	1,019	8,706	11,166	11,957
CANADA		201	108	2,447	2,120	3,000	686	512	8,191	8,368	10,308
GERMANY		38	14	1,406	3,063	1,797	149	83	4,366	6,046	5,331
FRANCE		0	0	1,464	686	1,465	0	0	3,229	1,912	3,238
ISRAEL		57	23	1,402	793	4,437	219	116	10,185	3,087	5,335
OTHER		155	150	3,663	2,752	4,642	591	559	10,691	9,113	12,988
Subtotal:-----		800	508	16,204	16,341	19,441	2,877	2,340	50,069	52,221	60,778
WALNUTS UNSH(AUG)	MT										
EC 12		30	2	43,694	30,596	43,787	83	4	73,495	61,266	73,634
SPAIN		0	0	12,519	9,693	12,519	8	0	19,906	20,313	20,313
JAPAN		0	0	10,573	6,589	10,573	0	0	16,523	13,403	16,523
ITALY		0	0	9,787	4,501	9,809	0	0	17,262	8,853	17,290
NETHERLANDS		0	0	5,637	5,541	5,537	0	0	10,157	11,599	10,157
OTHER		154	106	6,186	5,976	6,690	329	249	12,786	13,078	14,077
Subtotal:-----		184	108	49,880	36,572	50,477	411	253	86,281	74,344	87,710
HOPS&PRODUCTS											
HOP PILTS(SEP)	MT										
CANADA		116	103	842	614	1,213	771	679	5,319	4,199	7,860
BRAZIL		0	35	573	1,098	1,061	0	203	2,336	5,041	4,121
EC 12		127	71	574	621	677	1,138	703	3,621	3,981	4,164
MEXICO		40	18	135	144	137	256	120	870	1,631	1,631
GERMANY		127	6	268	307	313	1,138	30	1,720	1,636	2,327
UNION OF SOVIET		0	0	306	0	306	0	0	1,732	0	1,732
OTHER		158	38	759	1,292	1,366	1,125	222	4,063	8,393	8,704
Subtotal:-----		441	264	3,209	3,769	4,953	3,290	1,926	17,940	22,578	29,012



U.S. EXPORTS OF SELECTED COMMODITIES BY DESTINATION  
MARKETING YEAR BEGINNING AS INDICATED  
APR 93

COMMODITY AND COUNTRY	COUNTRY REGION	QUANTITY				VALUE (1,000 DOLLARS)							
		CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR		
HOP EXTRACT(SEP)	MT												
EC		69	141	1,362	1,204	1,826	1,714	2,903	16,858	19,838	24,252		
GERMANY		5	54	817	505	912	153	579	8,403	9,531	10,149		
MEXICO		0	0	616	671	616	0	0	9,811	11,718	9,817		
BRAZIL		0	29	284	378	478	22	482	2,162	2,592	3,940		
RUSSIAN FEDERATI		87	0	87	0	376	500	0	3	0	2,008		
PHILIPPINES		43	24	190	101	293	399	559	2,519	2,414	3,961		
OTHER		117	66	708	864	1,082	1,890	1,147	12,152	17,841	16,066		
Subtotal:-----		319	261	3,247	3,218	4,672	4,525	5,090	44,001	54,402	60,044		
HOPS NSPF(SEP)	MT												
EC 12		0	138	1,761	2,041	1,761	0	479	7,324	10,660	7,324		
GERMANY		0	137	1,459	1,649	1,459	0	474	5,991	8,322	5,991		
UNITED KINGDOM		0	0	172	298	172	0	5	743	1,618	743		
KOREA REPUBLIC		0	0	63	0	156	0	0	644	0	1,164		
MEXICO		25	0	48	52	131	299	0	409	530	911		
BELGIUM-LUXEMBOU		34	0	130	64	130	0	0	590	383	590		
OTHER		3	23	368	422	468	446	283	2,733	3,714	4,236		
Subtotal:-----		58	161	2,219	2,515	2,535	745	762	11,110	14,904	13,636		
WINE													
GRAPE WINE(JAN)	KL												
EC 12		3,776	4,511	11,791	14,438	41,209	5,716	6,546	17,871	19,864	62,260		
CANADA		3,047	2,494	9,396	10,066	34,117	3,817	3,321	10,845	12,695	43,469		
UNITED KINGDOM		2,007	2,134	5,791	6,483	23,432	3,310	3,405	9,498	10,059	36,943		
JAPAN		1,149	863	5,540	3,814	17,760	4,193	1,766	7,943	10,161	22,566		
OTHER		1,566	2,071	8,542	8,008	27,265	2,128	2,712	10,713	10,565	36,098		
Subtotal:-----		9,537	9,938	35,268	35,925	120,432	13,153	13,745	46,461	48,238	165,394		

U.S. IMPORTS OF SELECTED HORTICULTURAL COMMODITIES BY ORIGIN  
MARKETING YEAR BEGINNING AS INDICATED  
APR 93

COMMODITY AND COUNTRY	COUNTRY REGION	QUANTITY				VALUE (1,000 DOLLARS)							
		CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR		
FR FRUIT & VEGET	MT												
FR APPLES(JUL)													
NEW ZEALAND		10,887	10,119	15,656	10,694	32,884	12,560	9,441	16,579	10,013	37,793		
CANADA		3,143	4,468	12,003	4,834	15,668	1,868	1,566	2,454	14,612	22,936		
OTHER		8,903	5,969	12,554	15,979	38,569	3,426	8,895	4,569	6,226	19,217		
Subtotal:-----		23,132	20,556	89,814	68,107	136,045	17,853	12,843	42,302	31,203	79,946		
FR PEARS(JUL)	MT												
CHILE		6,368	8,282	30,252	38,029	35,621	2,013	2,650	9,955	12,605	11,768		
ARGENTINA		3,098	2,633	10,118	9,323	15,605	1,971	1,716	6,550	5,921	10,161		
OTHER		3,574	957	4,980	3,248	17,978	2,020	923	7,940	6,258	13,868		
Subtotal:-----		11,823	11,872	45,346	50,580	59,203	6,005	5,288	24,445	24,783	32,797		
APRICOT (MAY)	MT												
NEW ZEALAND		0	0	367	158	367	0	0	936	405	936		
CHILE		0	0	1,247	699	1,247	0	0	824	441	824		
OTHER		0	18	5	5	5	0	40	1	132	3		
Subtotal:-----		0	18	1,615	911	1,615	0	40	1,762	978	1,762		
PEACH-NEC(MAY)	MT												
CHILE		31	35	53,780	40,869	53,780	19	24	33,679	25,810	33,679		
OTHER		197	105	556	1,088	556	281	193	568	997	568		
Subtotal:-----		229	140	54,336	41,956	54,336	300	217	34,247	26,807	34,247		
PLUM-PRUNE(MAY)	MT												
CHILE		2,918	1,962	23,711	23,893	23,711	1,799	1,234	14,650	15,116	14,650		
OTHER		0	0	56	98	56	0	0	68	80	68		
Subtotal:-----		2,918	1,962	23,767	23,990	23,767	1,799	1,234	14,718	15,196	14,718		
FRESH GRAPES (MAY)	MT												
CHILE		47,847	39,973	268,675	284,846	268,675	31,121	27,634	185,704	207,103	185,704		
MEXICO		0	0	42,896	37,056	42,896	0	0	53,920	67,144	53,920		
OTHER		0	82	1,453	2,023	1,453	0	65	571	854	571		
Subtotal:-----		47,847	40,056	313,024	323,924	313,024	31,121	27,698	240,195	275,101	240,195		
FR RASPBRY(JAN)	MT												
CANADA		0	0	0	0	6,261	0	0	0	0	7,460		
OTHER		70	95	490	475	6,220	113	126	930	722	1,152		
Subtotal:-----		70	95	490	475	6,881	113	126	930	722	8,612		
FR STRAWBRIS(JAN)	MT												
MEXICO		2,352	2,948	6,709	8,818	9,238	2,059	3,028	8,388	14,545	11,127		
OTHER		0	0	467	241	558	0	0	696	421	1,978		
Subtotal:-----		2,352	2,948	7,177	9,059	10,797	2,059	3,028	9,084	14,966	15,106		
FR BANANA(JAN)	MT												
COSTA RICA		71,791	54,844	295,781	296,026	954,484	22,818	16,922	83,683	88,622	280,981		
ECUADOR		86,373	67,371	368,717	261,177	896,248	25,541	19,246	105,181	72,520	258,793		
OTHER		146,112	141,473	537,438	573,392	1,680,484	47,125	42,904	166,448	168,690	482,305		
Subtotal:-----		304,276	263,687	1,201,936	1,130,595	3,531,226	95,484	79,072	355,312	329,833	1,022,079		
FR MANGO(JAN)	MT												
MEXICO		10,807	0	17,243	0	68,254	9,937	0	19,038	0	62,805		
OTHER		657	0	3,002	0	7,911	922	0	3,198	0	7,844		
Subtotal:-----		11,464	0	20,245	0	76,165	10,859	0	22,237	0	70,649		
FR PINAPLE(JAN)	MT												
COSTA RICA		6,369	5,609	20,314	23,216	58,169	2,672	2,494	9,263	10,125	27,337		
HONDURAS		3,368	2,267	12,446	8,989	36,369	921	618	3,352	2,416	9,830		
OTHER		3,616	2,317	13,799	11,526	32,020	973	551	3,007	2,768	7,476		
Subtotal:-----		13,372	10,193	46,558	43,731	121,559	4,567	3,663	15,622	15,308	43,643		
FR CANTLPE(MAY)	MT												
MEXICO		20,667	24,099	108,481	104,864	108,481	7,653	5,474	38,352	29,666	38,352		
COSTA RICA		9,782	36,808	35,444	36,808	6,026	6,350	18,764	19,796	19,796	18,764		
OTHER		16,892	19,812	72,339	100,889	72,339	3,978	5,094	16,896	26,043	16,896		
Subtotal:-----		47,341	54,822	217,627	240,846	217,627	16,658	16,918	74,011	75,505	74,011		

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COMMODITY AND COUNTRY		QUANTITY						VALUE (1,000 DOLLARS)					
COUNTRY REGION		CURR MO LAST YR	CURR MO LAST YR	YR TOT LAST YR	YR TOT LAST YR	LAST YEAR	CURR MO LAST YR	CURR MO LAST YR	YR TOT LAST YR	YR TOT LAST YR	LAST YEAR		
FR MELON,OT(MAY)	MT												
MEXICO		6,245	6,183	54,677	51,787	54,677	2,349	1,805	19,490	17,944	19,490		
COSTA RICA		3,818	8,044	18,135	24,845	18,135	1,621	3,504	8,591	11,269	8,591		
OTHER		16,542	6,270	42,101	45,268	42,101	2,168	8,894	13,916	14,826	13,916		
Subtotal:-----		16,605	22,497	114,914	121,899	114,914	6,338	8,203	41,996	44,039	41,996		
FR ORANGES (NOV)	MT												
MOROCCO		0	0	4,504	0	4,504	0	0	3,033	0	3,033		
AUSTRALIA		0	1	0	1	2,617	0	0	0	3	1,256		
MEXICO		88	0	2,326	1,237	2,619	33	0	1,102	483	1,607		
OTHER		353	370	2,329	2,118	3,989	100	84	1,007	943	886		
Subtotal:-----		441	371	9,159	3,656	15,629	135	87	5,144	1,428	7,388		
CANNED FRUIT													
CND MANDRN(JAN)	MT												
EC 12		2,845	2,099	23,584	7,749	35,376	3,567	1,928	30,647	7,230	45,761		
SPAIN		2,845	2,099	23,584	7,749	35,376	3,567	1,928	30,647	7,230	45,761		
CHINA (MAINLAND)		3,019	1,664	9,329	4,520	24,236	3,086	1,414	9,624	3,823	23,981		
OTHER		370	76	1,186	295	2,473	439	83	1,612	372	3,219		
Subtotal:-----		6,234	3,839	34,100	12,565	62,085	7,092	3,425	41,864	11,425	72,961		
CND BLK OLV(NOV)	MT												
EC 12		1,420	1,268	7,618	5,680	13,372	3,088	2,562	15,908	12,159	28,810		
SPAIN		1,268	1,090	6,771	4,797	11,550	2,598	2,153	13,550	9,815	23,860		
MOROCCO		3,531	3,539	1,344	1,311	3,799	370	132	2,084	2,352	6,303		
OTHER		217	14	128	62	234	68	97	291	108	505		
Subtotal:-----		1,662	1,364	9,090	7,053	17,405	3,526	2,722	18,283	14,620	35,618		
CND GRN OLV(NOV)	MT												
EC 12		3,572	3,604	16,939	20,592	38,529	9,611	8,952	41,470	54,152	100,411		
SPAIN		3,531	3,539	16,619	20,130	37,826	9,462	8,828	40,698	53,360	98,840		
OTHER		53	171	567	1,037	4,623	121	280	1,141	1,646	2,867		
Subtotal:-----		3,626	3,774	17,506	21,629	40,152	9,732	9,230	42,611	55,797	103,279		
CND PEACH(JUN)	MT												
EC 12		1,328	389	16,873	19,515	17,779	715	236	10,372	13,405	10,914		
GREECE		1,320	389	16,722	18,479	17,608	709	236	10,216	12,668	10,740		
OTHER		401	94	934	1,671	1,482	332	62	739	1,240	1,206		
Subtotal:-----		1,729	483	17,806	21,186	19,261	1,047	298	11,110	14,645	12,121		
CND PINAPLE(JAN)	MT												
THAILAND		17,648	16,356	78,825	63,820	174,077	12,074	10,507	55,899	41,134	117,327		
PHILIPPINES		11,814	11,037	42,948	42,971	128,183	7,515	27,993	29,504	85,738	117,327		
OTHER		2,712	2,438	14,937	10,083	38,713	1,965	1,557	8,683	5,404	22,242		
Subtotal:-----		32,175	29,831	136,710	116,873	340,973	21,433	19,579	92,576	76,443	225,306		
DRIED FRUIT													
DRD APBCT(JUL)	MT												
TURKEY		407	441	7,410	7,992	8,137	926	905	15,042	18,474	16,893		
OTHER		12	12	166	219	194	21	31	386	516	475		
Subtotal:-----		419	453	7,575	8,211	8,331	947	935	15,428	18,990	17,368		
DATES(SEP)	MT												
PAKISTAN		795	451	3,052	2,931	4,363	738	485	3,010	3,218	4,318		
CHINA (MAINLAND)		294	151	1,400	869	1,260	249	204	1,222	1,354	1,505		
OTHER		149	69	730	600	972	211	142	1,394	1,162	1,797		
Subtotal:-----		1,237	672	5,182	4,199	6,995	1,198	831	5,726	5,133	7,720		
DRD FIG(SEP)	MT												
EC 12		0	0	1,100	969	1,100	0	0	3,351	2,403	3,351		
GREECE		0	0	1,055	943	1,055	0	0	3,210	2,101	3,210		
TURKEY		0	75	593	473	600	0	42	1,357	747	1,367		
OTHER		2	75	178	356	18	7	42	4,748	3,322	4,758		
Subtotal:-----		2	75	1,710	1,798	1,718	7	42	4,748	3,322	4,758		
DRD RAISIN(AUG)	MT												
CHILE		188	61	3,224	430	4,224	221	79	3,509	512	4,546		
MEXICO		54	126	3,336	3,598	3,422	40	77	2,636	2,462	2,707		
OTHER		23	80	290	1,095	579	29	88	278	1,214	593		
Subtotal:-----		265	267	6,851	5,123	8,225	290	244	6,424	4,187	7,847		
FRUIT JUICE(SSE)													
APPLE JUIC(JUL)	KL												
ARGENTINA		43,051	14,430	180,030	149,029	303,296	15,972	3,164	66,300	44,332	111,840		
EC 12		14,190	25,924	193,856	181,043	206,757	5,663	7,361	80,265	57,268	86,019		
GERMANY		9,873	20,931	139,006	149,385	146,966	3,978	6,117	58,031	46,237	61,953		
OTHER		10,961	26,358	304,430	311,401	356,207	4,010	7,534	109,501	104,264	131,096		
Subtotal:-----		68,202	66,711	678,317	641,473	866,260	25,564	18,059	256,066	205,864	328,955		
FCOJ(DEC)	KL												
BRAZIL		54,413	44,290	406,454	331,124	973,422	16,588	5,043	125,569	51,248	249,284		
OTHER		8,383	16,344	51,792	49,531	102,028	3,024	2,630	16,934	9,063	32,627		
Subtotal:-----		62,796	60,633	458,246	380,656	1,075,450	19,612	7,673	142,504	60,311	281,912		
GRAPE JU(JAN)	KL												
ARGENTINA		1,672	397	10,595	2,998	90,118	633	292	3,607	1,386	33,525		
OTHER		8,252	12,774	25,088	46,791	97,132	4,573	4,573	9,200	16,792	36,455		
Subtotal:-----		9,924	13,171	35,683	49,789	187,449	3,484	4,865	12,807	18,178	69,979		
PNEAPL JUCN(JAN)	KL												
THAILAND		16,971	19,632	67,734	64,773	133,453	4,719	4,226	18,662	13,566	34,845		
PHILIPPINES		16,686	10,391	48,115	37,692	128,027	3,163	2,303	9,711	8,146	26,052		
OTHER		1,488	3,276	7,992	10,300	23,132	599	892	2,644	2,933	7,942		
Subtotal:-----		35,145	33,298	124,441	112,766	264,613	8,481	7,421	31,017	24,644	68,839		
PNEAPL JUNC(JAN)	KL												
PHILIPPINES		2,385	579	10,745	8,170	28,920	885	224	4,226	3,040	10,958		
JAPAN		0	695	2,788	2,899	12,935	0	348	989	1,005	4,696		
OTHER		852	159	1,929	739	6,249	365	90	1,007	390	2,176		
Subtotal:-----		3,237	1,434	15,462	11,808	48,104	1,251	661	5,867	4,434	17,830		
FROZEN FRUIT													
FZN STRBAY(DEC)	MT												
MEXICO		4,374	4,037	11,468	11,501	19,087	4,050	3,615	10,096	10,850	16,855		
OTHER		4,472	4,181	11,880	12,119	20,465	4,742	4,178	12,805	13,257	21,678		
Subtotal:-----		4,472	4,181	11,880	12,119	20,465	4,742	4,178	12,805	13,257	21,678		



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COMMODITY AND COUNTRY		QUANTITY						VALUE (1,000 DOLLARS)					
COUNTRY REGION		CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TOT LAST YR	YR TOT CURR YR	LAST YEAR		
<b>FRESH VEGETABLES</b>													
FR BEANS(OCT)	MT												
MEXICO		718	790	9,664	10,995	9,999	886	1,193	10,425	13,588	10,774		
OTHER		5	27	262	119	602	13	29	1,494	1,884	530		
Subtotal:-----		724	817	9,926	11,113	10,601	899	1,222	10,619	13,772	11,305		
FR CARROT(OCT)	MT												
CANADA		360	383	37,802	30,198	49,049	121	131	10,673	7,893	14,001		
MEXICO		1,720	1,802	12,536	8,166	15,868	654	527	3,195	2,368	4,051		
OTHER		92	46	171	46	927	33	0	79	1,355	1,230		
Subtotal:-----		2,173	2,186	50,511	38,822	65,291	808	658	13,947	10,555	18,216		
FR CABBAGE(OCT)	MT												
CANADA		91	1,193	8,732	11,691	11,872	37	316	2,481	2,486	3,184		
MEXICO		993	1,264	7,974	5,969	9,168	129	249	1,249	1,198	1,385		
OTHER		45	61	368	177	509	77	66	185	1,135	381		
Subtotal:-----		1,129	2,518	17,073	17,737	21,549	243	631	3,916	3,820	4,951		
FR CELERY(OCT)	MT												
MEXICO		2,228	2,179	7,581	10,708	8,794	691	850	2,085	4,436	2,459		
CANADA		0	0	828	614	5,266	0	0	211	142	1,641		
OTHER		0	116	603	486	926	0	27	102	597	150		
Subtotal:-----		2,228	2,294	9,012	11,808	14,986	691	876	2,397	4,666	4,255		
FR CUCUMBR(OCT)	MT												
MEXICO		16,398	12,611	131,725	195,058	150,901	8,789	7,422	52,573	66,653	61,213		
OTHER		1,564	2,674	21,009	21,820	23,981	516	858	6,482	5,840	8,679		
Subtotal:-----		17,962	15,285	152,734	216,878	174,881	9,304	8,280	59,055	72,493	69,892		
FR CAULFLWR(OCT)	MT												
CANADA		0	0	452	93	4,294	0	0	151	26	1,432		
MEXICO		133	0	4,942	664	4,942	22	0	1,082	316	1,082		
OTHER		0	119	112	139	125	0	74	50	89	61		
Subtotal:-----		133	119	5,505	897	9,360	22	74	1,283	430	2,575		
FR GARLIC(OCT)	MT												
MEXICO		2,028	2,015	2,772	3,015	11,287	1,928	1,834	2,524	3,155	11,188		
ARGENTINA		986	303	2,206	2,222	2,389	407	51	2,914	2,197	1,843		
OTHER		378	224	1,362	2,215	5,078	520	420	1,967	2,662	4,649		
Subtotal:-----		2,772	2,542	6,339	7,452	18,754	2,875	2,661	7,137	8,308	18,679		
FR ONION(OCT)	MT												
MEXICO		39,606	31,709	122,954	150,303	151,526	17,462	14,719	62,758	68,520	91,466		
OTHER		7,083	2,451	32,906	13,987	7,143	917	0	77,152	73,617	109,211		
Subtotal:-----		46,689	34,160	155,860	163,385	189,410	20,938	15,636	77,152	73,617	109,211		
FR PEPPERS(OCT)	MT												
MEXICO		10,650	12,504	87,098	117,975	107,856	14,149	16,640	83,303	106,671	109,276		
EC 12		1,256	1,357	3,084	4,427	9,736	4,551	3,952	10,458	12,927	25,946		
NETHERLANDS		1,219	1,331	2,999	4,290	2,807	4,377	3,862	10,113	12,487	25,154		
OTHER		1,219	1,331	2,999	4,290	2,807	4,377	3,862	10,113	12,487	25,154		
Subtotal:-----		12,101	14,095	91,236	123,500	120,085	19,281	21,366	95,796	121,606	140,347		
FR SEED POT(OCT)	MT												
CANADA		20,855	28,015	51,255	67,545	55,174	2,689	4,698	7,279	10,553	7,805		
OTHER		0	36	0	81	58	0	20	0	43	54		
Subtotal:-----		20,855	28,051	51,255	67,625	55,232	2,689	4,718	7,279	10,596	7,859		
FR TBL POT(OCT)	MT												
CANADA		11,703	35,546	68,130	172,903	98,431	1,984	6,293	11,954	27,543	16,465		
OTHER		43	0	80	13	92	29	0	64	3	75		
Subtotal:-----		11,745	35,546	68,210	172,916	98,523	2,013	6,293	12,018	27,546	16,539		
FR TOMATO(OCT)	MT												
MEXICO		18,559	60,780	138,735	284,448	202,839	30,294	37,601	98,809	224,601	132,004		
OTHER		1,031	6,176	1,175	5,911	1,292	1,799	38,693	103,723	229,298	143,179		
Subtotal:-----		19,590	61,616	144,910	289,459	214,842	31,799	38,693	103,723	229,298	143,179		
FR ASPARG(OCT)	MT												
MEXICO		780	1,121	16,791	18,617	19,877	768	1,494	24,101	27,899	26,987		
OTHER		1	4	4,474	5,152	5,524	4	19	5,057	5,508	6,070		
Subtotal:-----		781	1,125	21,265	23,769	25,401	773	1,514	29,158	33,407	33,058		
<b>CANNED VEGETABLES</b>													
CND TOM PST(JUL)	MT												
MEXICO		0	7,961	4,185	10,679	10,791	0	6,447	2,441	8,471	6,897		
CHILE		319	419	6,254	5,988	7,986	170	254	4,842	3,310	5,740		
OTHER		228	446	4,456	3,697	4,827	206	313	3,053	2,636	3,339		
Subtotal:-----		547	8,826	14,895	20,365	23,604	376	7,014	10,336	14,417	15,976		
CND TOM SAUCE(JUL)	MT												
EC 12		172	43	1,732	786	1,796	125	48	1,478	691	1,561		
ITALY		171	43	1,569	708	1,633	123	48	1,414	650	1,515		
DOMINICAN REPUB		80	49	1,212	1,372	1,361	53	31	789	885	885		
CHILE		164	390	884	2,144	1,836	83	192	1,407	1,580	1,862		
OTHER		463	606	1,813	4,180	1,941	233	327	1,085	1,246	1,151		
Subtotal:-----		878	1,089	5,641	8,482	6,934	494	588	3,759	5,101	4,485		
CND TOMATO(JUL)	MT												
CHILE		2,281	2,056	10,101	12,801	13,146	854	995	4,933	5,417	6,095		
ISRAEL		1,009	1,413	10,415	14,626	12,839	541	423	3,867	5,454	5,250		
ITALY		118	112	11,766	6,961	12,246	34	51	4,088	1,118	4,210		
OTHER		789	1,362	9,341	13,621	11,094	398	405	3,347	4,764	4,143		
Subtotal:-----		3,453	3,758	33,622	39,333	44,881	1,91	82	2,009	1,852	2,537		
CND MSHROOM(JUL)	MT												
INDONESIA		731	1,363	11,592	13,904	13,221	1,946	3,059	35,739	34,651	40,279		
HONG KONG		1,342	548	9,804	6,156	11,953	2,643	1,050	19,604	11,849	23,826		
CHINA (MAINLAND)		5,229	914	9,445	9,540	11,494	1,115	1,548	17,279	16,779	20,843		
TAIWAN		897	794	6,672	7,794	7,174	1,345	428	15,322	11,244	13,990		
OTHER		621	765	6,379	8,543	7,804	1,269	1,588	13,902	19,357	17,313		
Subtotal:-----		4,020	3,785	42,895	40,895	51,686	9,318	7,675	101,846	89,860	121,451		
<b>FROZEN VEGETABLES</b>													
FZN BROCCLI(SEP)	MT												
MEXICO		11,963	17,111	96,946	123,415	136,531	7,944	11,144	66,779	82,093	94,231		
OTHER		38	333	10,072	11,762	13,968	163	312	6,721	8,536	9,839		
Subtotal:-----		12,344	17,544	107,018	135,177	150,498	8,106	11,456	73,499	90,629	104,070		
FZN CAULFLR(SEP)	MT												
MEXICO		242	333	17,539	18,969	17,961	179	236	14,367	13,496	14,697		
OTHER		55	152	514	1,163	675	87	98	732	792	466		
Subtotal:-----		297	485	18,053	20,132	18,636	216	334	14,715	14,288	15,163		

July 1993

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Horticultural Products Review

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U.S. IMPORTS OF SELECTED HORTICULTURAL COMMODITIES BY ORIGIN  
MARKETING YEAR BEGINNING AS INDICATED

COMMODITY AND COUNTRY		QUANTITY						VALUE (1,000 DOLLARS)					
COUNTRY REGION		CURR MO LAST YR	CURR MO CURR YR	YR TDT LAST YR	YR TDT CURR YR	LAST YEAR	CURR MO LAST YR	CURR MO CURR YR	YR TDT LAST YR	YR TDT CURR YR	LAST YEAR		
FZN POTATO(SEP)	MT												
CANADA		7,376	12,252	54,190	76,663	85,705	4,055	6,767	29,127	42,813	45,083		
OTHER		64	3	241	171	311	82	9	235	125	294		
Subtotal:-----		7,440	12,255	54,431	76,834	86,017	4,137	6,776	29,362	42,938	45,376		
TREE NUTS													
PISTACHIO NSH(SEP)	MT												
TURKEY		0	0	19	7	19	0	0	87	24	8		
OTHER		0	0	3	0	21	0	0	17	2	30		
Subtotal:-----		0	0	22	7	40	0	0	104	26	117		
CASHEW NUT(AUG)	MT												
INDIA		1,141	1,587	16,285	24,987	20,674	5,455	6,737	87,241	109,689	108,480		
BRAZIL		2,739	1,257	16,983	20,807	24,000	4,887	4,887	107,739	107,739	107,739		
OTHER		574	243	6,358	4,849	9,469	2,146	815	27,842	16,102	39,568		
Subtotal:-----		4,455	3,086	39,551	50,644	54,149	18,716	12,439	193,485	207,702	255,316		
FILBERTS(AUG)	MT												
TURKEY		354	242	2,300	3,192	3,025	993	559	6,397	8,327	8,424		
OTHER		2	1	69	2	83	2	54	2	3	3		
Subtotal:-----		356	242	2,369	3,245	3,108	1,001	564	6,661	8,556	8,748		
PECANS NSH(SEP)	MT												
MEXICO		25	37	8,610	12,741	9,698	52	86	20,191	33,753	22,856		
OTHER		25	0	3	148	87	0	86	20,456	449	307		
Subtotal:-----		25	37	8,684	12,890	9,785	52	86	20,456	34,202	23,163		
WINES													
CHAMPAGNE PRK(JAN)	KL												
EC 12		1,599	1,739	5,422	5,447	30,362	13,062	17,319	42,883	51,825	248,990		
FRANCE		221	628	1,988	1,988	12,155	2,146	2,146	39,027	39,027	158,356		
ITALY		518	498	2,101	1,801	12,155	2,146	2,087	10,156	24,444	24,444		
OTHER		15	10	85	63	379	47	33	240	234	1,629		
Subtotal:-----		1,614	1,748	5,507	5,511	30,742	13,109	17,352	43,124	52,059	250,618		
FT&VERM WN(JAN)	KL												
EC 12		986	937	4,029	2,995	14,354	3,426	3,645	14,228	11,056	52,568		
ITALY		464	537	2,071	1,579	8,526	992	1,298	5,038	3,691	20,846		
SPAIN		374	196	1,460	869	3,917	1,274	859	5,907	3,617	17,585		
PORTUGAL		58	135	302	302	1,042	439	1,147	1,173	10,000	10,000		
OTHER		10	7	42	49	138	46	43	196	212	597		
Subtotal:-----		996	944	4,071	3,043	14,493	3,473	3,688	14,233	11,268	53,165		
OTH GP WINE(JAN)	KL												
FRANCE		14,293	546	46,909	1,337	83,216	58,759	843	185,486	2,299	325,365		
ITALY		6,962	378	22,704	968	41,996	17,738	464	60,484	1,341	111,738		
OTHER		3,183	24	10,366	200	18,556	6,965	31	21,173	243	40,027		
Subtotal:-----		17,476	570	57,276	1,537	101,873	65,273	874	206,659	2,542	365,392		
OTH WN PROD(JAN)	KL												
JAPAN		255	232	887	969	2,381	710	631	2,426	2,732	6,900		
EC 12		436	342	1,162	1,074	4,423	679	499	1,725	1,543	6,438		
ITALY		111	47	135	1,663	1,663	165	67	467	209	2,429		
OTHER		61	36	22	308	77	98	82	120	14	1,438		
Subtotal:-----		757	609	2,263	2,351	7,592	1,487	1,213	4,544	4,904	14,868		
CUT FLOWERS													
ROSES(JAN)	NONE												
COLOMBIA		0	0	0	0	0	0	6,642	10,112	31,878	39,079		
OTHER		0	0	0	0	0	0	2,367	2,716	10,919	12,422		
Subtotal:-----		0	0	0	0	0	0	9,009	12,828	42,597	51,501		
CARNATIONS(JAN)	NONE												
COLOMBIA		0	0	0	0	0	0	12,558	10,593	35,744	33,868		
OTHER		0	0	0	0	0	0	1,409	4,429	7,940	9,440		
Subtotal:-----		0	0	0	0	0	0	12,978	11,022	37,154	34,798		